

20030724.qrp v02_n991.qrl.20030724

Date: Thu, 24 Jul 2003 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2991

QRP-L Digest 2991

Topics covered in this issue include:

- 1) [154756] Re: PIC Elmer Series?
by "Russ Hines" <wb8zcc@fuse.net>
- 2) [154757] FT-209 Accessories Wanted
by "Mike Duke, K5XU" <k5xu@jam.rr.com>
- 3) [154758] Re: PIC Elmer Series?
by "Philip L. Carter" <pcarter@gcfn.org>
- 4) [154759] Success with frequency specific dipoles?
by ARDUJENSKI@aol.com
- 5) [154760] Re: R/C controlled vehicles
by Brian Short <bshort4@cox.net>
- 6) [154761] OT: Solid State Relays
by "Scott A. Thomas" <qrp1@DpPros.com>
- 7) [154762] Wish me luck
by W2EB <w2eb@twcny.rr.com>
- 8) [154763] Re: Success with frequency specific dipoles?
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 9) [154764] Fwd: [Amateur-repairs] UK Licencing changes
by Rob Matherly <w0jrm@arrl.net>
- 10) [154765] Re: PIC Elmer Series?
by "Larry Przyborowski" <k3peg@comcast.net>
- 11) [154766] Re: Solid State Relays
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 12) [154767] Re: Success with frequency specific dipoles?
by "Bill Linn" <blinn@smgazette.com>
- 13) [154768] MFJ 422 electronic keyer FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 14) [154769] FS Elecraft KFL1-4 NIB
by "Rod N0RC" <rod@n0rc.us>
- 15) [154770] Re: PIC Elmer Series?
by Ed Tanton <n4xy@earthlink.net>
- 16) [154771] Re: Wish me luck
by "john gabbard" <johngabbard@usintouch.com>
- 17) [154772] Re: [ham] Re: Solid State Relays
by KD5NWA <kd5nwa@cbayona.com>
- 18) [154773] FS: OHR 100A 40M Explorer + ZM2-ATU
by AlexQRP@aol.com
- 19) [154774] NEQRP CW Net, Thursday, 24 July 03, 08:30 PM EDT, 3.566 MHz

- by Chuck Ludinsky <cjl@mitre.org>
- 20) [154775] FOX: N2WW Log for last Sunday
by "Marshall Emm" <mgemm@mtechnologies.com>
- 21) [154776] MFJ-840 mini Watt Meter
by Mizuho@aol.com
- 22) [154777] Iowa QRP Club CW Net
by mark.milburn@juno.com
- 23) [154778] Re: PIC Elmer Series?
by "Mark Prather" <wb9hfk@yahoo.com>
- 24) [154779] Re: R/C controlled vehicles
by IamSF5@aol.com
- 25) [154780] Re: Wish me luck
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 26) [154781] RE: PIC Elmer Series?
by "Bob & Janet" <jbcraft@adelphia.net>
- 27) [154782] Re: Success with frequency specific dipoles?
by "Tom Severt" <n2uhc@mobil1.net>
- 28) [154783] Re: Success with frequency specific dipoles?
by Bruce Muscolino <w6toy@erols.com>
- 29) [154784] DSW-II 20 - Help Needed
by Tom W <w3tw_2@yahoo.com>
- 30) [154785] Re: Fwd: [Amateur-repairs] UK Licencing changes
by Alex <kr1st@amsat.org>
- 31) [154786] Re: Fwd: [Amateur-repairs] UK Licencing changes
by Lloyd Lachow <llachow@yahoo.com>
- 32) [154787] FOR SALE
by Michael Goins <mgoins@usa.net>
- 33) [154788] Re: R/C controlled vehicles
by Dale Botkin <dale@botkin.org>
- 34) [154789] R. Hollingsworth might be busy on August 1st
by Alex <kr1st@amsat.org>
- 35) [154790] Flight of the Bumblebees - Last Call
by "John Huffman" <hjohnc@core.com>
- 36) [154791] Re: Fwd: [Amateur-repairs] UK Licencing changes
by Alex <kr1st@amsat.org>
- 37) [154792] RE: Fwd: [Amateur-repairs] UK Licencing changes
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 38) [154793] Looking for digital frequency display
by jdolson@iserv.net
- 39) [154794] MFJ 75m SSB QRP Rig - Comments?
by jdolson@iserv.net
- 40) [154795] UK Licencing changes - my thoughts
by "Charles Mabbott" <aa8vs@msn.com>
- 41) [154796] ADDENDUM TO FOR SALE
by Michael Goins <mgoins@usa.net>
- 42) [154797] Re: R. Hollingsworth might be busy on August 1st
by "Paul Valko - W8KC" <w8kc@comcast.net>
- 43) [154798] Re: Fwd: [Amateur-repairs] UK Licencing changes

- by "Mike Yetsko" <myetsko@insydesw.com>
- 44) [154799] Re: Success with frequency specific dipoles?
by Bruce Muscolino <w6toy@erols.com>
- 45) [154800] [opinion] RS Mini Amp Praise
by "Dennis Payton" <dpayton@fwi.com>
- 46) [154801] Re: Looking for digital frequency display
by "Winston F. Jones" <winjones@ix.netcom.com>
- 47) [154802] Re: Looking for digital frequency display
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 48) [154803] re: Code Practice
by Michael Babineau <michael.babineau@sympatico.ca>
- 49) [154804] Re: R. Hollingsworth might be busy on August 1st
by Dale Botkin <dale@botkin.org>
- 50) [154805] Re: MFJ-840 mini Watt Meter
by Chuck Adams <k7qo@commspeed.net>
- 51) [154806] Re: UK Licencing changes - my thoughts
by "Leon Heller" <leon_heller@hotmail.com>
- 52) [154807] Re: R. Hollingsworth might be busy on August 1st
by "John L. Sielke" <jsielke@pobox.com>
- 53) [154808] RE: [opinion] RS Mini Amp Praise
by "David Hinerman" <WD8CIV@worldnet.att.net>
- 54) [154809] Re: Success with frequency specific dipoles?
by Steven Weber <kd1jv@moose.ncia.net>
- 55) [154810] Fw: Flight of the Bumblebees - Last Call
by "John Huffman" <hjohnc@core.com>
- 56) [154811] Re: R. Hollingsworth might be busy on August 1st
by Alex <kr1st@amsat.org>
- 57) [154812] Code Rqm't comment
by "sslyon" <sslyon@megalink.net>
- 58) [154813] Re: R. Hollingsworth might be busy on August 1st
by "Bill Jones" <kd7s@psnw.com>
- 59) [154814] Re: R. Hollingsworth might be busy on August 1st
by Dale Botkin <dale@botkin.org>
- 60) [154815] Re: Fwd: [Amateur-repairs] UK Licencing changes
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 61) [154816] Re: Code Rqm't comment
by "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
- 62) [154817] FS. Laptop
by "Martin Hartwell" <chartwell@worldnet.att.net>
- 63) [154818] Re: Code Rqm't comment
by "John L. Sielke" <jsielke@pobox.com>
- 64) [154819] Re: Fwd: [Amateur-repairs] UK Licencing changes
by Terry Bassett <mutabut@net66.com>
- 65) [154820] LOBSTERCON re re...
by "sslyon" <sslyon@megalink.net>
- 66) [154821] Re: Code Rqm't comment
by George Franklin <w0av@juno.com>
- 67) [154822] Re: Code Rqm't comment

- by "john gabbard" <johngabbard@usintouch.com>
- 68) [154823] Re: Fwd: [Amateur-repairs] UK Licencing changes
by Bob Nielsen <nielsen@oz.net>
- 69) [154824] Re: Code Rqm't comment
by Rob Matherly <w0jrm@arrl.net>
- 70) [154825] Re: Code Rqm't comment
by "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
- 71) [154826] RE: Code Rqm't comment
by Adam Farson <farson@shaw.ca>
- 72) [154827] Re: Code Rqm't comment
by "John Harper AE5X" <john@ae5x.com>
- 73) [154828] RE: Code Rqm't comment
by "Lyle Johnson" <wa7gxd@fidalgo.net>
- 74) [154829] Re: R. Hollingsworth might be busy on August 1st
by William R Colbert <w5xe@juno.com>
- 75) [154830] Where can CW/Morse be located?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 76) [154831] Re: Code Rqm't comment
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 77) [154832] Re: Code Rqm't comment
by "KD7SNX Rob. C" <kd7snx@earthlink.net>
- 78) [154833] Re: UK Licencing changes - my thoughts
by Paul <mooney@cytanet.com.cy>
- 79) [154834] Re: R. Hollingsworth might be busy on August 1st
by Paul <mooney@cytanet.com.cy>
- 80) [154835] Re: Where can CW/Morse be located?
by "" <brian@iquest.net>
- 81) [154836] Re: Success with frequency specific dipoles?
by w9ya <w9ya@arrl.net>
- 82) [154837] re:Code Rqm't comment
by donovanhoggan@netscape.net
- 83) [154838] Looking for 2SC3240 transistors
by "Joe W2KJ" <w2kj@bellsouth.net>
- 84) [154839] Re: PIC Elmer Series?
by "Tom" <kf4yyd@adelphia.net>
- 85) [154840] Re: Wein Bridge question.
by Jeff Furman <jfurman@ocs.net>
- 86) [154841] Re: Code Rqm't comment
by w9ya <w9ya@arrl.net>
- 87) [154842] Noreaster Docs
by w9ya <w9ya@arrl.net>
- 88) [154843] Re: Code Rqm't comment
by Bruce Muscolino <w6toy@erols.com>
- 89) [154844] [CONTEST] N2CQ QRP Contest Calendar July 26-31
by "Ken Newman" <n2cq@comcast.net>
- 90) [154845] re:Code Rqm't comment
by Robin Kidd <robink@us.ibm.com>
- 91) [154846] RE: Code Rqm't comment

by "John L. Sielke" <jsielke@pobox.com>
92) [154847] Making etched circuit boards ??? somewhat OT.
by Arthur Moe <kb7ww@easystreet.com>
93) [154848] Re: Code Rqm't comment
by "John L. Sielke" <jsielke@pobox.com>
94) [154849] Re: R. Hollingsworth might be busy on August 1st
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>

Date: Wed, 23 Jul 2003 18:46:47 -0400
From: "Russ Hines" <wb8zcc@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154756] Re: PIC Elmer Series?
Message-ID: <00b801c3516c\$4d9ba670\$6384d7d8@WB8ZCC2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Boy, I'm glad I saw this now. I was just THIS close to ordering a
programmer, etc... but now I'll wait to see what The Elmer has in mind. ;-)

Thanks, John and everyone, count me in as well.

73,
Russ
WB8ZCC

----- Original Message -----
From: "John R Kirby" <n3aaz-qrp@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, July 23, 2003 6:13 PM
Subject: Re: PIC Elmer Series?

>
> May I join?
>
> I have zero PIC hardware and zero PIC software.
>
> I will need a list of material.
>
> Thanks,
>
> John
> N3AAZ
> 00TC

> FM 19 xa

>

>

> -----
> The best thing to hit the internet in years - Juno SpeedBand!

> Surf the web up to FIVE TIMES FASTER!

> Only \$14.95/ month - visit www.juno.com to sign up today!

>

Date: Wed, 23 Jul 2003 17:40:09 -0500

From: "Mike Duke, K5XU" <k5xu@jam.rr.com>

To: "qrp list" <qrp-l@lehigh.edu>

Subject: [154757] FT-209 Accessories Wanted

Message-ID: <011301c3516c\$c08279c0\$9bd7a418@jam.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

If you have a junker FT-209 and wish to part with the charger, dry cell pack, and/or dc power cord, please let me know.

Mike Duke, K5XU

American Council of Blind Radio Amateurs

Date: Wed, 23 Jul 2003 19:09:00 -0400

From: "Philip L. Carter" <pcarter@gcfn.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [154758] Re: PIC Elmer Series?

Message-ID: <3F1F158C.2060507@gcfn.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

QMT

Phil

wd8qwr

Date: Wed, 23 Jul 2003 19:17:49 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [154759] Success with frequency specific dipoles?
Message-ID: <10d.27b885a7.2c50719d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Getting ready for the Bumblebee Sprint this weekend and was wondering how successful folks have been with dipoles cut for specific part of a band so a tuner is not needed. I figure 40, 20 and 15m will be the primary bands so maybe all I would need is one cut for 40m and the other for 20m. If they are cut for use with a DK9SQ mast and an inverted vee configuration will repeatability of close to 1 to 1 SWR be difficult to achieve. I probably would fan them

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Wed, 23 Jul 2003 18:19:08 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [154760] Re: R/C controlled vehicles
Message-ID: <ADCD9043-BD5B-11D7-83DD-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

Also, some robotics hobbyists use RC cars for a platform and hack them for control via microcontrollers. Anyway, many of these have been sort of reverse engineered and you could probably find information on a hobbyist robotics forum if you need more information.

Personally, I want to find an RC bulldozer or tank to hack, some day. Too many projects, too little time!

On Wednesday, July 23, 2003, at 12:41 PM, Dale Botkin wrote:
> On Wed, 23 Jul 2003, Tom Severt wrote:
>> Most R/C toys operate on either 27 or 75 MHZ range. You might want
>> to see
>> if the transmitter is sending the correct signal for reverse. Find
>> the

>> frequency with a frequency counter and listen in on a scanner.
>
> The likelihood of a malfunctioning transmitter is probably not nearly as
> great as a blown transistor in the motor's H-bridge driver. You
> should be
> able to pretty easily trace back the circuit from the motor to four
> transistors or MOSFETs in an H-bridge configuration and test/replace
> them
> to find out where the problem is. If you've never seen an H-bridge,
> here's a handy URL (there are many more available with a simple Yahoo
> or
> Google search):
--
See my web page: <http://www.k7on.com>

Date: Wed, 23 Jul 2003 19:21:57 -0400
From: "Scott A. Thomas" <qrp1@DpPros.com>
To: <qrp-1@Lehigh.EDU>
Subject: [154761] OT: Solid State Relays
Message-ID: <000a01c35171\$36d5a030\$9601a8c0@i75k>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I figure if anyone know the answer to this, it'll be someone on this list...

I'd like to turn off my well pump (220v) if I get water in my basement. I have a \$10 (9v) water alarm that will sound when water touches its probes. I am thinking I can connect its output to a SSR to control one of the 2 wires powering the pump. I've seen for sale 3-15vdc/240vac "0 turn on" SSRs. Does "0 turn on" mean that the ac flows when there is 0dc volts applied (which would be the case when the basement is dry)?

Thanks in advance
Scott

Date: Wed, 23 Jul 2003 19:29:28 -0500
From: W2EB <w2eb@twcnny.rr.com>
To: qrp-1@lehigh.edu
Subject: [154762] Wish me luck
Message-ID: <3F1F2868.9050806@twcnny.rr.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Gang,

Been waiting a couple of months to start my bone marrow transplant. A bed opened up suddenly, so I'll be in the hospital for 3 or 4 weeks. See you in August.

P.S. I'll be postponing my sub to keep from overloading my ISP's e-mail server. Could someone please archive the PIC Elmer series that's about to start?

Tnx & 73,

Bill
W2EB

--

"Thomas Hodgkin died of natural causes"

Date: Wed, 23 Jul 2003 20:29:48 -0400
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <ARDUJENSKI@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154763] Re: Success with frequency specific dipoles?
Message-ID: <006f01c3517a\$b0dadfe0\$e5034918@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have seen this same theme many times.

Please let me add something here. "Many " years ago, I wanted to work 20-15-10 mtrs. I made a "fan" dipole ,

IE: 3 dipoles , centerfed, and altho it took some time to "tune" them I ended up with one antenna, Fanned at the ends, that covered all three bands. Back then , (1957- 65) I didn't have the tools we have today (ant. analyzers-etc) but with a little effort and knowledge it can be done even today..!!!! I'm not putting anyone down here, but the old books can be a blessing in disguise.!!!!

carl / kz5ca (p.s.) I started as wn0nnp in 1953..!!!

----- Original Message -----

From: <ARDUJENSKI@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, July 23, 2003 7:17 PM
Subject: Success with frequency specific dipoles?

> Getting ready for the Bumblebee Sprint this weekend and was wondering how
> successful folks have been with dipoles cut for specific part of a band so
a
> tuner is not needed. I figure 40, 20 and 15m will be the primary bands so
maybe
> all I would need is one cut for 40m and the other for 20m. If they are cut
for
> use with a DK9SQ mast and an inverted vee configuration will repeatability
of
> close to 1 to 1 SWR be difficult to achieve. I probably would fan them
>
> Alan KB7MBI in Woodinville, WA
> FISTS 5702 / ARS / Proud member of ARRL
> --- --- --- --- DIT DIT

Date: Wed, 23 Jul 2003 19:25:12 -0500
From: Rob Matherly <w0jrm@arrl.net>
To: qrp-1@lehigh.edu, fpqrp-1@fpqrp.com
Subject: [154764] Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <200307231925.12637.w0jrm@arrl.net>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

Not trying to start anything, just passing along the news.

72/73/oo
Rob, w0jrm

----- Forwarded Message -----

The RSGB is pleased to announce that, with effect from Friday the 25th of July, there is no longer a requirement to have passed a Morse code test in order to operate on the HF bands in the UK. All Full and Intermediate Class licensees are therefore automatically granted their respective Class A operating privileges and may operate on the HF bands using their existing

callsigns from the 25th of July. Class B licensees need not take any action to obtain these additional operating privileges.

</quote>

This was taken from the RSGB's web site (members only section).

I believe that the formal announcement will be made in the London (Belfast / Edinburgh) Gazette at around noon local time Friday, 25th July.

Date: Wed, 23 Jul 2003 20:34:00 -0400
From: "Larry Przyborowski" <k3peg@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154765] Re: PIC Elmer Series?
Message-ID: <001801c3517b\$471d84d0\$6401a8c0@K3PEGMAIN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please count me in on this too!

73,
Larry - K3PEG

Date: Wed, 23 Jul 2003 20:36:13 -0400
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <qrp1@DpPros.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154766] Re: Solid State Relays
Message-ID: <007d01c3517b\$9662f200\$e5034918@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Scott: I'm only guessing, but I'd say that means a "zero crossing" detector unit, which means it turns on only when the ac is at "zero" potential, or halfway between max. pos. and max .neg on the ac sinewave.

Just my guess!!!!

Carl / kz5ca

----- Original Message -----

From: "Scott A. Thomas" <qrp1@DpPros.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, July 23, 2003 7:21 PM

Subject: OT: Solid State Relays

> I figure if anyone know the answer to this, it'll be someone on this list...

>

> I'd like to turn off my well pump (220v) if I get water in my basement. I

> have a \$10 (9v) water alarm that will sound when water touches its probes.

> I am thinking I can connect its output to a SSR to control one of the 2

> wires powering the pump. I've seen for sale 3-15vdc/240vac "0 turn on"

> SSRs. Does "0 turn on" mean that the ac flows when there is 0dc volts

> applied (which would be the case when the basement is dry)?

>

> Thanks in advance

> Scott

>

Date: Wed, 23 Jul 2003 17:35:55 -0700

From: "Bill Linn" <blinn@smgazette.com>

To: <ARDUJENSKI@aol.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [154767] Re: Success with frequency specific dipoles?

Message-ID: <003201c3517b\$a055a320\$6c70ef42@wa7tqk>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Alan, in my opinion, a dipole that is resonant at the operating frequency is my best choice. (A resonant full wave loop may be the better antenna but the dipole is friendlier :))

A few years back I made up a 40 meter dipole, pulled it up the tower 25 feet or so and tuned it to 7.040. (I thought!) Later, at the campground, I found it needed additional tweaking. It was too short. The only wire I had was a roll of steel utility wire or baling wire to some. I added about 10 inches to one leg of the dipole and the SWR bottomed out on or about the target frequency. This was probably three years ago. This spring, I finally

replaced the baling wire with copper. Yes, it still works fine.

I've tried verticals, end fed half waves, and even tapped in to the screwdriver mobile antenna on occasion. But, this dipole placed in inverted vee fashion, gives me great results. Like I said above, the resonant full wave loop is probably better but requires quite a bit more fiddling and real estate to get it airborne.

Regards,
Bill - WA7TQK

[SMGazette.com E-mail is scanned for viruses by Declude Virus]
[Visit us on the web at SMGazette.com]

Date: Wed, 23 Jul 2003 20:56:24 -0400
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [154768] MFJ 422 electronic keyer FS
Message-ID: <CJENLDMADFCJIFBODNPGIEFBDBAA.W8EK@fdt.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

MFJ 422 electronic keyer for sale

This is the keyer that uses the Curtis chip as the keyer, but includes sidetone, and has adjustments for volume, tone frequency, and weighting, as well as speed. Can be used in fully automatic mode, or semi-automatic like a bug. It will key either positive or negative voltages, and is powered by an internal 9 V battery, or external 5 to 9 volt supply. It is made to go on the back of a Bencher Paddle. \$ 60 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@fdt.net or W8EK@arrl.net

Voice Phone (352) 732-8400

Date: Wed, 23 Jul 2003 19:02:00 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <elecraft@mailman.qth.net>, "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [154769] FS Elecraft KFL1-4 NIB
Message-ID: <009401c3517f\$309874a0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brand new, build it your way (15 or 17m) :-) \$130 shipped CONUS.

International buyers welcome contact me for payment and shipping details.

A by-product of some horse trading that is beyond my needs, I'm building a K1 2 bander (20/40m) just for TTF events.

73, Rod N0RC

Date: Wed, 23 Jul 2003 21:34:30 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: k3peg@comcast.net,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154770] Re: PIC Elmer Series?
Message-ID: <5.2.1.1.2.20030723213415.02155160@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Me too!!!

At 08:34 PM 7/23/2003, Larry Przyborowski wrote:

>Please count me in on this too!

>

> 73,

>Larry - K3PEG

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Wed, 23 Jul 2003 18:34:49 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: <w2eb@twcnny.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154771] Re: Wish me luck
Message-ID: <000701c35183\$c6704d00\$d9861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Best of luck EB, John KF70M

----- Original Message -----

From: "W2EB" <w2eb@twcnny.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, July 23, 2003 5:29 PM
Subject: Wish me luck

> Gang,
>
> Been waiting a couple of months to start my bone marrow
> transplant. A bed opened up suddenly, so I'll be in the hospital for 3
> or 4 weeks. See you in August.
>
> P.S. I'll be postponing my sub to keep from overloading my ISP's e-mail
> server. Could someone please archive the PIC Elmer series that's about
> to start?
>
>
> Tnx & 73,
>
> Bill
> W2EB
> --
> "Thomas Hodgkin died of natural causes"
>
>
>

Date: Wed, 23 Jul 2003 20:34:58 -0500
From: KD5NWA <kd5nwa@cbayona.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [154772] Re: [ham] Re: Solid State Relays
Message-ID: <oprssj0kgsnm0yez@localhost>
Content-Type: text/plain; charset=iso-8859-15; format=flowed
MIME-Version: 1.0

SSR = Solid State Relay

Most turn on at zero crossing, but then again some don't, most are turned
"OFF" on 0 volts into the control leads, but some are not.

Usually they have a diagram on the part or the output pins are labelled, if
it says N.O. then the output is open with 0 control Volts, if it says N.C.
the the output is on with 0 volts and off with Voltage applied, which is
what he wants.

If you get one that turns "ON" when voltage is applied you can use the

output to activate a relay and connect the motor in series with the N.C. contacts of the relay so that when the alarm activates, it activates the relay which opens the contacts and shuts the well pump off.

On Wed, 23 Jul 2003 20:36:13 -0400, carl seyersdahl
<carlseye@tampabay.rr.com> wrote:

```
> Scott: I'm only guessing, but I'd say that means a "zero crossing
> "detector
> unit, which means it turns on only when the ac is at "zero" potential, or
> halfway between max. pos. and max .neg on the ac sinewave.
> Just my guess!!!!
> Carl / kz5ca
> ----- Original Message ----- From: "Scott A. Thomas" <qrp1@DpPros.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, July 23, 2003 7:21 PM
> Subject: OT: Solid State Relays
>
>
>> I figure if anyone know the answer to this, it'll be someone on this
> list...
>>
>> I'd like to turn off my well pump (220v) if I get water in my basement.
>> I
>> have a $10 (9v)water alarm that will sound when water touches its
>> probes.
>> I am thinking I can connect its output to a SSR to control one of the 2
>> wires powering the pump. I've seen for sale 3-15vdc/240vac "0 turn on"
>> SSRs. Does "0 turn on" mean that the ac flows when there is 0dc volts
>> applied (which would be the case when the basement is dry)?
>>
>> Thanks in advance
>> Scott
>>
>
>
>
```

--
Cecil
KD5NWA

Date: Wed, 23 Jul 2003 22:08:33 EDT
From: AlexQRP@aol.com

To: qrp-1@lehigh.edu
Subject: [154773] FS: OHR 100A 40M Explorer + ZM2-ATU
Message-ID: <186.1d155bc1.2c5099a1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Folks these both belong to a friend of mine who used them last nite and made contacts with the radio. Runs approx 3 to 4 watts output and the ZM2 works great. He is asking \$200. Please contact Bill at K5UGM1@aol.com for any negotiations. Thanks Alex K5UNY QRP-L 334 ARCI 6263 NETX #11

Date: Wed, 23 Jul 2003 22:14:27 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [154774] NEQRP CW Net, Thursday, 24 July 03, 08:30 PM EDT, 3.566 MHz
Message-ID: <3F1F4103.1060907@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 24 July 2003, at 8:30 PM EDT (00:30Z, 25 July 03) on or near 3.566 MHz [AGAIN, NOTE THE NEW FREQUENCY]. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Lobstercon was the key discussion during last week's net; apparently everyone had a great time. And the change to 3.566 MHz seemed to free us from the weekly QRM after 9:00PM. The net had a total of 11 participants:

W1FMR	Jim	Salem, NH	599
AB1CW	Ed	Tyngsboro, MA	599
W1CFI	Paul	Falmouth, MA	479/QSB
WA1JXR	Greg	Lancaster, MA	599
WB1HBE	John	Chelmsford, MA	599
N1CUU	Carl	nr Gettysburg, PA	589
WA8BXN	Mike	nr Cleveland, OH	359
W1PID	Jim	Sanbornton, NH	599
W2SH	Charles	Millington, NJ	599
N4ZN/2	Mike	Albion, NY	459/QSB
K1CL	Chuck	Chelmsford, MA	net op

Welcome to Mike, N4ZN/2, and thanks to everyone for QNI'ing. Hope to hear you all again this week.

72 DE K1CL,
Chuck

Date: Wed, 23 Jul 2003 20:17:52 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qRP-L@lehigh.edu
Subject: [154775] FOX: N2WW Log for last Sunday
Message-ID: <3F1EED70.7644.250602B@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

QRP-L FOXHUNT 07/20

CALL - N2WW
NAME - LARRY AGABEKOV
QTH - N1FN
RIG - FT-920 @ 5W
ANT - C3, GAP.
TIME - 20.00 - 21.30 GMT
REPORT - 559 CO LARRY 5W

TIME CALL RPRT - RECEIVED

22-01	N1TP	559	FL	TOM	5W	
22-01	W7ILW		559	AZ	WALT	5W
22-02	AF4PP		559	GA	CHUCK	5W
22-03	WA8BXN		599	OH	MIKE	5W
22-03	K0FRP		599	CO	AL	5W
22-04	W5YR	559	TX	GEORGE		5W
22-05	K2ZN	569	NY	AL		5W
22-05	AF4LQ		559	KY	MIKE	5W
22-06	KW4JS		559	TN	JOHN	5W
22-06	N6RZ	559	CA	DALE		5W
22-07	N1IX	559	NH	DAVE		5W
22-08	N0JR	559	MO	JERRY		5W
22-09	AC7A	559	AZ	TOM		5W
22-09	K5DI	559	NM	KARL		5W
22-10	AA7EQ		559	AZ	BOB	5W
22-11	K5JHP/M		559	TX	BILL	5W
22-12	W8UE	569	TX	TAD		5W
22-12	KG6WP		559	CA	HOWARD	5W
22-13	AG4PJ		559	AL	DAVE	5W

22-15	W5KDJ		559	TX	WAYNE	250mW
22-16	KB7WW		559	OR	ART	5W
22-16	AA50	559		LA	VERN	5W
22-17	N5ZE	559		TX	LEW	5W
22-18	N7MFB		559	WA	BILL	5W
22-19	KA3MJG		589	PA	JOHN	3W
22-22	K9IS	579		WI	STEVE	5W
22-22	K2RSK		559	NY	PETER	5W
22-23	KB2UZM		559	NY	BERT	5W
22-23	N0JRN		559	MO	JERRY	5W
22-24	K8KFJ		559	WV	GARY	5W
22-25	NG9Q	559		IL	CHUCK	5W
22-25	AB9CA/4		559	AL	DAVE	5W
22-27	KB3ERI		559	PA	JAY	5W
22-28	K2EKM		559	VA	BILL	500mW
22-29	K5SR	559		TX	DALE	5W
22-30	N3BB	559		VA	PUCK	5W
22-35	N1FN	599		CO	ET	5W
22-37	W0EB	539		KS	JIM	5W
22-45	K5TR	559		TX	GEO	5W
22-56	N5YFC		559	LA	WAYNE	5W
22-57	KK5NA		559	TX	JOE	5W
22-58	K4MF	559			GARY	5W
22-59	K8CV	559		MI	WALT	5W
22-59	W6AZ	559		CA	RON	5W
23-03	WA8HSB		559	AL	JOHN	5W
23-10	N5FFF		559	LA	WAYNE	5W
23-11	W5JAY		559	AR	JAY	1W
23-14	K5DNL		599		KEN	5W
23-19	K1WAY		559	NY	MIKE	5W
23-21	K7TQ	559		ID	RANDY	5W
23-22	K5UV	559		OK	MIKE	5W
23-26	W0TGB		559	TN	MARK	5W
23-27	N0TK	559		CO	DAN	5W
23-28	N0WX	559		MN	MIKE	5W
23-29	N2WW	599		CO	LARRY	5W

TOTAL 54 + 1 =55 QS0

73, de Larry N2WW / UA6HZ / T32WW

Date: Wed, 23 Jul 2003 22:25:27 EDT
From: Mizuho@aol.com
To: qrp-1@lehigh.edu
Subject: [154776] MFJ-840 mini Watt Meter
Message-ID: <103.3308077f.2c509d97@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi everybody.
Has anyone played around with a MFJ-840 mini watt meter on HF.
There are trip pots and seems like you could scale it for the lower bands.
OK its not lab quality but it is small and complete.

BNC connectors.....perfect for Mizuho hand helds.

Bill W9WCR

Date: Wed, 23 Jul 2003 21:39:56 -0500
From: mark.milburn@juno.com
To: qrp-1@lehigh.edu
Subject: [154777] Iowa QRP Club CW Net
Message-ID: <20030723.214024.-1955271.0.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a nice turnout tonight!! Thanks everyone for making it a fun night
on the net. We had:

KQOI	Mark	Des Moines, Iowa
AA0XJ	Jim	Cedar Rapids, Iowa
K0NG	Chas.	Lincoln, Ne
WA0MWW	Ron	Batavia, Iowa
K0MAX	Max	Minneapolis, MN
W5USJ	Chuck	Point, TX
NE00	Jacq	Northeast Kansas
WA8BXN	Mike	Cleveland, OH
WB0T	Jerry	Sioux City, Iowa
W5USM	Bill	Saschse, TX

QRN and QSB were a little bothersome, but sounds like the bands are
getting a little better. That might be wishful thinking, but several on

the net commented on the fact that tonight was better than it had been for a long time. Let's just hope the trend continues...hi.

Thanks to all who took the time to participate. We'll hope to hear you again next week.

72 Mark KQOI
Des Moines, Iowa

Date: Wed, 23 Jul 2003 22:03:39 -0500
From: "Mark Prather" <wb9hfk@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154778] Re: PIC Elmer Series?
Message-ID: <004a01c35190\$50a90320\$e3b49bac@map>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Count me in...

Mark Prather - WB9HFK

Date: Wed, 23 Jul 2003 23:10:35 EDT
From: IamSF5@aol.com
To: bshort4@cox.net, qrp-1@lehigh.edu
Subject: [154779] Re: R/C controlled vehicles
Message-ID: <1d3.e5be3d8.2c50a82b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/23/03 8:15:47 PM Eastern Daylight Time, bshort4@cox.net writes:

<<

Also, some robotics hobbyists use RCA cars for a platform and hack them for control via microcontrollers. Anyway, many of these have been sort of reverse engineered and you could probably find information on a hobbyist robotics forum if you need more information.

>>

URL for the worlds largest Radio Controlled Forum

<http://www.rcuniverse.com/>

Date: Wed, 23 Jul 2003 21:54:07 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: john gabbard <johngabbard@usintouch.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154780] Re: Wish me luck
Message-ID: <Pine.OSF.4.53.0307232153360.17477@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

Wishing you luck from Saskatchewan Canada.

On Wed, 23 Jul 2003, john gabbard wrote:

> Best of luck EB, John KF70M
> ----- Original Message -----
> From: "W2EB" <w2eb@twcnj.rr.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Wednesday, July 23, 2003 5:29 PM
> Subject: Wish me luck
>
>
> > Gang,
> >
> > Been waiting a couple of months to start my bone marrow
> > transplant. A bed opened up suddenly, so I'll be in the hospital for 3
> > or 4 weeks. See you in August.
> >
> > P.S. I'll be postponing my sub to keep from overloading my ISP's e-mail
> > server. Could someone please archive the PIC Elmer series that's about
> > to start?
> >
> >
> > Tnx & 73,
> >
> > Bill
> > W2EB
> > --
> > "Thomas Hodgkin died of natural causes"
> >
> >
> >

>
>
>

Brian Buydens
Veterinary Electronic Data Specialist
Computing Services, University of Saskatchewan
email: Brian.Buydens@usask.ca
<http://duke.usask.ca/~buydens>
VE5RDV

I am a proud citizen of "Soviet Canuckistan"

Date: Thu, 24 Jul 2003 00:03:51 -0400
From: "Bob & Janet" <jbcraft@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154781] RE: PIC Elmer Series?
Message-ID: <AGEJJBFLPLHMOECFDIN00EHFCJAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I too would like to join an elmering series... I know nothing about PICs and would like to.

Bob K8YS

Date: Wed, 23 Jul 2003 23:51:34 -0500
From: "Tom Severt" <n2uhc@mobill1.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154782] Re: Success with frequency specific dipoles?
Message-ID: <003601c3519f\$43f9cc40\$c3c03fd8@system>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I have seen this same theme many times.
> Please let me add something here. "Many " years ago, I wanted to work
> 20-15-10 mtrs. I made a "fan" dipole ,
> IE: 3 dipoles , centerfed, and altho it took some time to "tune" them I
> ended up with one antenna, Fanned at the ends, that covered all three
bands.

I've done the same thing, only with a 2 band dipole with parallel elements
for 20 and 40 meters. I use it as my portable antenna for my QRP rigs,
mounted in an inverted V fashion. Details at:
<http://www.geocities.com/n2uhc/2banddipole.html>.

Tom Severt N2UHC
Frontenac, KS

<http://www.geocities.com/n2uhc>

Date: Thu, 24 Jul 2003 07:53:26 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [154783] Re: Success with frequency specific dipoles?
Message-ID: <3F1FC8B6.3A48000@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>From my experience the repeatability of SWR depends more on installation
location than anything else. Yes, you have got to get the length right,
and the mounting method is involved, but in the end end effects will
show their ugly head.

73

Date: Thu, 24 Jul 2003 05:44:37 -0700 (PDT)

From: Tom W <w3tw_2@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [154784] DSW-II 20 - Help Needed
Message-ID: <20030724124437.93056.qmail@web12704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi...I need someone who has a working SWL DSW-II 20 meter transceiver to contact me. I'd like to compare measurements at specific points in the transmitter circuit. Unfortunately I get extremely low output from the radio. Though the receiver works great!!!
Thanks in advance for your help.

Tom W3TW

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Thu, 24 Jul 2003 09:07:11 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [154785] Re: Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <3F1FD9FF.899DD0A9@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thanks for passing it along.

As you can read in the ARRL article "What to Do About Morse?" on their website, don't expect anything to happen here in the US anytime soon. Notice how much emphasis is being put on the dissenting opinion (from the official policy) to drop the code requirement and the steps needed to remove the code requirement. I think it's only under pressure of its membership that the ARRL retains an official code requirement policy. My impression from the article is that they hope someone, possibly NCI, will start the procedure to get the code requirement removed. The ARRL's official position is only briefly mentioned, under no separate header as for other organizations, and invites membership input. To me the article seems a signal that no opposition, other than a formal policy statement, can be expected from the ARRL if one would file a petition to drop the code requirement.

No, I'm not trying to restart the code/no-code battle again as I have no interest in that. Neither do I have any interest in ARRL bashing. I'm just trying to explore the ARRL's position on this issue, as it seems different than proclaimed.

73,
--Alex KR1ST

Rob Matherly wrote:

>
> Not trying to start anything, just passing along the news.
>
> 72/73/oo
> Rob, w0jrm
>
> ----- Forwarded Message -----
>
> The RSGB is pleased to announce that, with effect from Friday the 25th of
> July, there is no longer a requirement to have passed a Morse code test in
> order to operate on the HF bands in the UK.

Date: Thu, 24 Jul 2003 06:22:14 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [154786] Re: Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <20030724132214.31850.qmail@web41015.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Alex <kr1st@amsat.org> wrote:
I think it's only
> under pressure of its
> membership that the ARRL retains an official code
> requirement policy.

ummm...I think it's the FCC that sets the
requirements for licensure.

Bring back the 13 and 20 wpm hurdles!!!

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS #1301 - QRParci #11147 - FISTS #8774
FPQRP #476 - QRP-L #2415 - BORG #2
Fun = Skill / Power !

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Thu, 24 Jul 2003 08:30:26 -0500
From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [154787] FOR SALE
Message-ID: <118HgXNEA2960S13.1059053426@uwdvg013.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: quoted-printable

Looks like I may be moving, so the following is for sale:

FT-817 =E2=80=93 Used for about ten contacts on 2 meters. I=E2=80=99ve ne=
ver used (bought
as HF backup). Original box, and includes a W4RT modified mike with the S=
uper
Big Punch (Big Punch modification and the Heil HC-4 element). =

\$600.00 =

FT-817 SSB filter, 2.5 KHz from Expanded Spectrum Systems. New, never
installed.
\$75.00

CP-36 power supply from Milestone Technologies, 13.5V, 2.4 amp, =C2=BE=E2=
=80=9D
X2=E2=80=9DX4-1/2, overvoltage protected). Used only to power up the FT-8=
17 to check
it.
\$25.00

Mirage MP-1 Wattmeter, brown version, measures SWR and power, 1.8 to 30 M=
Hz,

25/200/200 watt scales. Good condition. Used at 1-5 watt only here =

\$65.00

MFJ Hi-Q 10-30 MHz Deluxe Loop, model #1786, with control box and wall wa=rt.

Heavy =E2=80=93 Houston area pick only =

\$250.00

Z-11 QRP tuner, factory-built, like new, unused, factory box. Good to 60 =watts

\$140.00

Grundig Traveler SW Receiver, TR-II digital model, original box =

\$75.00

Idiom Press Logikit Keyer, CMOS-4 model. Like new. 5-60 wpm, Four active messages plus 8 additional "banked" messages (1020 characters total), doe=s

contest numbering, runs on thre AAA batteries.

\$75.00

WM-2 Wattmeter, excellent condition =

\$80

Please reply direct only. Thanks.

72,

mike

wb5yjx

100% Solar station: SW20+, SW30+, NE4040, RockMite40

Mobile: FT-817 @ 1 watt, CW and SSB

QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,
Alaska QRP 514, QCWA 30857

"Share what you know, learn what you don't."

Date: Thu, 24 Jul 2003 08:35:52 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [154788] Re: R/C controlled vehicles
Message-ID: <Pine.LNX.4.33.0307240826380.3837-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 23 Jul 2003, Bruce Muscolino wrote:

> Electronic speed controls are very compact, and probably beyond the
> capabilities of most in this group to repair.

Not really. The parts that break most often are generally fairly common and readily available MOSFETS. The typical speed control has not much more than a small embedded controller (like a PIC) and anywhere from a few to a dozen or so MOSFETs. The microcontroller uses PWM to drive the MOSFETS like switches, they're really not all that complicated. A quick web search will turn up tons of information.

The biggest challenge with some of the really small ones such as those used in electric aircraft is desoldering surface mount MOSFETs. Many are T0-220 thru-hole, though, and not a big deal to replace.

73,
Dale - N0XAS

--
It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Thu, 24 Jul 2003 09:37:29 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154789] R. Hollingsworth might be busy on August 1st
Message-ID: <3F1FE119.5BF9E731@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Just in case you notice increased activity on 10 meters on August first, someone, or perhaps a group, has started a campaign to ask no code

Technician Licensees to transmit illegally on HF allocations assigned to Technician Plus Licensees. Quotes from an message sent to a list:

<quote>

Get on the air at 6pm local time on August 1st or if the band is open any time to make contacts in the 28.300-28.500 MHz that is allocated to technicians for voice. Or if you have a computer you can use the allocated technician CW bands to send and receive morse code.

</quote>

<quote>

Just go by the limitation of your technician license and don't go overboard,
we want to show that just because we didn't pass some dinosaur morse code test that we are bad operators.

</quote>

I don't really think this is an organized effort, but I thought it's rather amusing see that he/she/they call to operate CW to protest against the code requirement and advocate illegal operations to show that they are not bad operators.

73,

--Alex KR1ST

Date: Thu, 24 Jul 2003 09:43:33 -0400
From: "John Huffman" <hjohnc@core.com>
To: <adventureradiosociety-announcements@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154790] Flight of the Bumblebees - Last Call
Message-ID: <007201c351e9\$942c0ad0\$93075dd8@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK Gang -

This is the last call to get your Bee number for the Flight of the Bumblebees.

The last Bee Numbers will be assigned on Friday. The Bee roster will be posted on the www.ARSqrp.com web site on Saturday. We'll all have a bunch of fun on Sunday.

No number, no problem. Work all those Bees from home.

Got a number but can't get out of the house, no problem. Just don't put /BB at the end of your call and use your power out in your exchange instead of your Bee number.

Still need a number, no problem. Just reply to this message with a request.

For contest details see www.ARSqrp.com/ars/pages/bumblebees/bb_rules.html

73 de NA8M

John

Date: Thu, 24 Jul 2003 09:44:41 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154791] Re: Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <3F1FE2C9.548DB874@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Lloyd Lachow wrote:

>
> --- Alex <kr1st@amsat.org> wrote:
> I think it's only
> > under pressure of its
> > membership that the ARRL retains an official code
> > requirement policy.
>
> ummm...I think it's the FCC that sets the
> requirements for licensure.

Yep, the FCC sets requirements, the ARRL sets their policies.

73,

--Alex KR1ST

Date: Thu, 24 Jul 2003 09:52:05 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154792] RE: Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F35DD@kosh.arrlhq.org>
content-class: urn:content-classes:message

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

ARRL was quite clear about what its present policy is. They are also = quite aware how many years ago that policy was set. It would not be at = all surprising to me that the overall membership could feel differently = about the issue now than it did even a few scant years ago. No ARRL = policy is so cast in stone that it can never be changed, and this issue = is no exception. They are asking for member input, so give it to them.

<http://www.arrl.org/divisions> tells you the right place to send your = views.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Alex [<mailto:kr1st@amsat.org>]

> Sent: Thursday, July 24, 2003 9:07 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Fwd: [Amateur-repairs] UK Licencing changes

>=20

>=20

> Thanks for passing it along.=20

>=20

> As you can read in the ARRL article "What to Do About=20

> Morse?" on their

> website, don't expect anything to happen here in the US anytime soon.

> Notice how much emphasis is being put on the dissenting opinion (from

> the official policy) to drop the code requirement and the steps needed

> to remove the code requirement. I think it's only under=20

> pressure of its

> membership that the ARRL retains an official code requirement=20

> policy. My

> impression from the article is that they hope someone, possibly NCI,

> will start the procedure to get the code requirement removed.=20

> The ARRL's

> official position is only briefly mentioned, under no=20

> separate header as

> for other organizations, and invites membership input. To me=20
> the article
> seems a signal that no opposition, other than a formal policy=20
> statement,
> can be expected from the ARRL if one would file a petition to drop the
> code requirement.
>=20
> No, I'm not trying to restart the code/no-code battle again=20
> as I have no
> interest in that. Neither do I have any interest in ARRL bashing. I'm
> just trying to explore the ARRL's position on this issue, as it seems
> different than proclaimed.=20
>=20
> 73,
> --Alex KR1ST
>=20
> Rob Matherly wrote:
> >=20
> > Not trying to start anything, just passing along the news.
> >=20
> > 72/73/oo
> > Rob, w0jrm
> >=20
> > ----- Forwarded Message -----
> >=20
> > The RSGB is pleased to announce that, with effect from=20
> Friday the 25th of
> > July, there is no longer a requirement to have passed a=20
> Morse code test in
> > order to operate on the HF bands in the UK.
>=20

Date: Thu, 24 Jul 2003 09:54:52 -0400 (EDT)
From: jdolson@iserv.net
To: qrp-l@lehigh.edu
Subject: [154793] Looking for digital frequency display
Message-ID: <11179.167.73.110.8.1059054892.squirrel@webmail.iserv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

I have a Epiphyte III (75m SSB QRP rig) that I'd like to put a digital frequency display on. I've seen references to others using a kit from Blue Sky Engineering, but apparently Blue Sky no longer exists.

Any suggestions?

Thanks,

Jim Dolson
Zeeland, MI
wb8zbd

Date: Thu, 24 Jul 2003 09:55:58 -0400 (EDT)
From: jdolson@iserv.net
To: qrp-1@lehigh.edu
Subject: [154794] MFJ 75m SSB QRP Rig - Comments?
Message-ID: <12212.167.73.110.8.1059054958.squirrel@webmail.iserv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Does anyone have one of these rigs? If so, would you comment on your experience with it?

Thanks,

Jim Dolson
Zeeland, MI
wb8zbd

Date: Thu, 24 Jul 2003 09:58:52 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-1@Lehigh.EDU
Subject: [154795] UK Licencing changes - my thoughts
Message-ID: <BAY5-F42sxf4yp8ARf300001174@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Not intending to start the wars, but IMHO as the requirements are downsized and possibly in the future dropped. This will cause a lot of fun to be missed by the future hams. We have a lot of guys in the local clubs here that say code is passa, not used, useless, and why stay with an outmoded mode??? Of course these guys still hunt deer with bows and arrows to how outmoded can you get.... But I am straying...

It was a requirement and after using it I found I enjoyed code mode. I can

escape the cares and technology of the day and find time for a relaxing CW QSO and within minutes the troubles of my day just go away. There are fellows out there that have gotten into ham radio to find ways to relax and boy to we have plenty of that!! Satellites, APRS, SSB, Moon bounce, home brewing, yadda yadda.....

I suspect we are never going to get the code requirement back if gone, so we will have to hone our Elmer skills to help share the fun and challenge to a fresh group of hams about the code. The 5 WPM minute is not really helpful, if the speed was around 12 or so it would get them going quicker, but that is only my opinion.

In conclusion, there is an aspect [mode] of the hobby that I have found over the years to be a lot of fun and I for one am sorry that it could be lost down the road. The code requirement at least exposed people to the mode, it did not mandate they had to use it. It exposed them to it and it was up to them to keep it up or pick another mode.....

73 Chuck AA8VS/M

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: Alex <kr1st@amsat.org>
>Reply-To: kr1st@amsat.org
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: Fwd: [Amateur-repairs] UK Licencing changes
>Date: Thu, 24 Jul 2003 09:07:11 -0400
>
>Thanks for passing it along.
>
>As you can read in the ARRL article "What to Do About Morse?" on their
>website, don't expect anything to happen here in the US anytime soon.
>Notice how much emphasis is being put on the dissenting opinion (from
>the official policy) to drop the code requirement and the steps needed
>to remove the code requirement. I think it's only under pressure of its
>membership that the ARRL retains an official code requirement policy. My
>impression from the article is that they hope someone, possibly NCI,
>will start the procedure to get the code requirement removed. The ARRL's
>official position is only briefly mentioned, under no separate header as
>for other organizations, and invites membership input. To me the article

>seems a signal that no opposition, other than a formal policy statement,
>can be expected from the ARRL if one would file a petition to drop the
>code requirement.
>
>No, I'm not trying to restart the code/no-code battle again as I have no
>interest in that. Neither do I have any interest in ARRL bashing. I'm
>just trying to explore the ARRL's position on this issue, as it seems
>different than proclaimed.
>
>73,
>--Alex KR1ST
>
>Rob Matherly wrote:
> >
> > Not trying to start anything, just passing along the news.
> >
> > 72/73/oo
> > Rob, w0jrm
> >
> > ----- Forwarded Message -----
> >
> > The RSGB is pleased to announce that, with effect from Friday the 25th
>of
> > July, there is no longer a requirement to have passed a Morse code test
>in
> > order to operate on the HF bands in the UK.

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<http://join.msn.com/?page=features/featuredemail>

Date: Thu, 24 Jul 2003 09:02:21 -0500
From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [154796] ADDENDUM TO FOR SALE
Message-ID: <419HgXocV5440S01.1059055341@uwdvg001.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Sorry, guys. Forgot to add that all are plus shipping. =

Thanks.

mike

Date: Thu, 24 Jul 2003 10:15:05 -0400
From: "Paul Valko - W8KC" <w8kc@comcast.net>
To: <kr1st@amsat.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154797] Re: R. Hollingsworth might be busy on August 1st
Message-ID: <001601c351ed\$fb42e4b0\$6401a8c0@hamshack1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Alex" <kr1st@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, July 24, 2003 9:37 AM
Subject: R. Hollingsworth might be busy on August 1st

<quote>
we want to show that just because we didn't pass some dinosaur morse
code test that we are bad operators.
</quote>

"We ARE bad operators?" heh heh heh... I'm sure the person who typed that
meant to say, "We are NOT bad operators."

I wonder if they'll prove their point?

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>

Date: Thu, 24 Jul 2003 10:28:53 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <llachow@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154798] Re: Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <003301c351ef\$ed4288a0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

From: "Lloyd Lachow" <llachow@yahoo.com>

> I think it's only

> > under pressure of its

> > membership that the ARRL retains an official code

> > requirement policy.

>

> ummm...I think it's the FCC that sets the

> requirements for licensure.

You think the FCC operates in a vacuum?

Come on.

Now is NOT the time to moan about the possible loss of a testing criteria.

Now IS the time to consider what steps should be taken to insure what can be done to limit the possible reduction of 'CW reserved' bandspace in the future.

And they have to be POSITIVE steps. Negative moaning and whining will at best accelerate the move to remove CW as a requirement, and at worst lead to the loss of CW space.

Mike

Date: Thu, 24 Jul 2003 10:26:59 -0400

From: Bruce Muscolino <w6toy@erols.com>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [154799] Re: Success with frequency specific dipoles?

Message-ID: <3F1FECB3.DEFC96E9@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

One other point, a 40 meter dipole, i.e., 7 mHz, cut antenna will not resonate at 21 mHz, but at a higher frequency, closer to 21.5 mHz.

73

Date: Thu, 24 Jul 2003 09:37:12 -0500

From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@lehigh.edu>
Subject: [154800] [opinion] RS Mini Amp Praise
Message-ID: <016401c351f1\$12dc46e0\$a5a854d1@6300us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I believe one good item to put on a new builder's "must have" list is a Radio Shack Amplifier/Speaker (# 277-1008). I bought one when I first got into building about twelve years ago, and it's had regular use since. And I seem to see one sitting somewhere in almost every shack I visit. Since most rigs we build just have headphone output, it's great to have a speaker-amp handy to provide 'loud' speaker output. They also work nice to trace audio signals, and I even built a keyer into one, giving me a durable portable keyer with a monitor tone that I don't have to strain to hear.

Although it seems to be pretty easy on batteries, I often forget and leave mine on, so invested in an AC adapter for the shack. Then I use rechargeable 9-volt batteries when I'm away from the shack.

Denny Payton, N9JXY
Auburn, IN

Date: Thu, 24 Jul 2003 10:56:24 -0400
From: "Winston F. Jones" <winjones@ix.netcom.com>
To: <jdolson@iserv.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154801] Re: Looking for digital frequency display
Message-ID: <00d501c351f3\$c170be00\$710afea9@winston>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try Almost Always Digital Electronics (www.aade.com). They have an LCD model kit for around \$50. I used one on a 40-meter SSB kit I built.
73, Winston K4CWQ

----- Original Message -----
From: <jdolson@iserv.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, July 24, 2003 9:54 AM

Subject: Looking for digital frequency display

> I have a Epiphyte III (75m SSB QRP rig) that I'd like to put a digital
> frequency display on. I've seen references to others using a kit from
> Blue Sky Engineering, but apparently Blue Sky no longer exists.
>
> Any suggestions?
>
> Thanks,
>
> Jim Dolson
> Zeeland, MI
> wb8zbd
>
>
>

Date: Thu, 24 Jul 2003 10:58:00 -0400
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <jdolson@iserv.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154802] Re: Looking for digital frequency display
Message-ID: <00b601c351f3\$f9f9b420\$e5034918@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check with Neil Hecht, AADE.

I have several of his displays and love them all.

Just a customer.

carl / kz5ca

----- Original Message -----

From: <jdolson@iserv.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, July 24, 2003 9:54 AM

Subject: Looking for digital frequency display

> I have a Epiphyte III (75m SSB QRP rig) that I'd like to put a digital
> frequency display on. I've seen references to others using a kit from
> Blue Sky Engineering, but apparently Blue Sky no longer exists.
>

> Any suggestions?
>
> Thanks,
>
> Jim Dolson
> Zeeland, MI
> wb8zbd
>
>

Date: Thu, 24 Jul 2003 11:02:55 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-l@Lehigh.EDU
Subject: [154803] re: Code Practice
Message-ID: <E7B015B4-BDE7-11D7-8DEC-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

On Sunday, July 20, 2003, at 07:03 PM, Chuck Adams wrote:

> I'm using this program to generate 12 hours of 0 to 35wpm code learning
> in MP3 format..... I'll let you know when it is ready.

This is great timing for me. I just picked up a Sonic RIO 600 32Mb MP3
Player
(refurbished) for \$40US on eBay. With the multi-gigabyte capacity
players
now available these 32Mb players are virtually obsolete for music, but
they
are perfectly suited for code practice. I'm getting a little tired of
my MFJ
Morse Code Tutor (it is a little predictable at times).

Also for anyone not aware, ARRL has MP3 format W1AW code practice files
available on the Web.

Michael VE3WMB
(who hopes to someday convince his wife that he really really needs an
Apple Ipod!)

Date: Thu, 24 Jul 2003 10:07:22 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154804] Re: R. Hollingsworth might be busy on August 1st
Message-ID: <Pine.LNX.4.33.0307241006370.3896-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Jul 2003, Paul Valko - W8KC wrote:

> <quote>
> we want to show that just because we didn't pass some dinosaur morse
> code test that we are bad operators.
> </quote>
>
> "We ARE bad operators?" heh heh heh... I'm sure the person who typed that
> meant to say, "We are NOT bad operators."
>
> I wonder if they'll prove their point?

Depends on whether they can figure out what their point is... 8-)

Dale

--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Thu, 24 Jul 2003 16:19:45 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: Mizuho@aol.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154805] Re: MFJ-840 mini Watt Meter
Message-ID: <5.2.1.1.0.20030724161652.00b24d38@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:25 PM 7/23/2003 -0400, Mizuho@aol.com wrote:

>Has anyone played around with a MFJ-840 mini watt meter on HF.
>There are trip pots and seems like you could scale it for the lower bands.
>OK its not lab quality but it is small and complete.
>
>BNC connectors.....perfect for Mizuho hand helds.
>
>Bill W9WCR

If you have an OHR wattmeter you can use it to calibrate the MFJ-840. I have two of the MFJ's that I use regularly on the workbench and have been for many years. They serve as a quick low power dummy load and an analog meter for adjusting for max output from a transmitter (less than 5W out).

Since I have adjusted both mine I can not tell you how close the original setting from MFJ were to being correct.

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Thu, 24 Jul 2003 15:23:58 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: aa8vs@msn.com, qrp-1@Lehigh.EDU
Subject: [154806] Re: UK Licencing changes - my thoughts
Message-ID: <Law15-F28UDJSZZhu6h00005c8b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Charles Mabbott" <aa8vs@msn.com>
>Reply-To: aa8vs@msn.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: UK Licencing changes - my thoughts
>Date: Thu, 24 Jul 2003 09:58:52 -0400
>
>
>Not intending to start the wars, but IMHO as the requirements are downsized
>and possibly in the future dropped. This will cause a lot of fun to be
>missed by the future hams. We have a lot of guys in the local clubs here
>that say code is passa, not used, useless, and why stay with an outmoded
>mode??? Of course these guys still hunt deer with bows and arrows to how
>outmoded can you get.... But I am straying...
>
>It was a requirement and after using it I found I enjoyed code mode. I
>can escape the cares and technology of the day and find time for a relaxing
>CW QSO and within minutes the troubles of my day just go away. There are

>fellows out there that have gotten into ham radio to find ways to relax and
>boy to we have plenty of that!! Satellites, APRS, SSB, Moon bounce, home
>brewing, yadda yadda.....

>

>I suspect we are never going to get the code requirement back if gone, so
>we will have to hone our Elmer skills to help share the fun and challenge
>to a fresh group of hams about the code. The 5 WPM minute is not really
>helpful, if the speed was around 12 or so it would get them going quicker,
>but that is only my opinion.

>

>In conclusion, there is an aspect [mode] of the hobby that I have found
>over the years to be a lot of fun and I for one am sorry that it could be
>lost down the road. The code requirement at least exposed people to the
>mode, it did not mandate they had to use it. It exposed them to it and it
>was up to them to keep it up or pick another mode.....

Paradoxically, although I'll be able to use the HF bands from tomorrow
without having to pass a Morse test, I'll probably be using CW! A friend of
mine living near me who's had a full license for years *only* uses CW on old
military boat-anchors, and wants me to use 18 MHz. I'll put together a simple
QRP Tx/Rx just so that I can communicate with him.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

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<http://www.msn.co.uk/internetaccess>

Date: Thu, 24 Jul 2003 11:36:29 -0400

From: "John L. Sielke" <jsielke@pobox.com>

To: qrp-l@lehigh.edu

Subject: [154807] Re: R. Hollingsworth might be busy on August 1st

Message-ID: <oprstmy3n6n9p1ib@smtp.comcast.net>

Content-Type: text/plain; charset=iso-8859-15; format=flowed

MIME-Version: 1.0

> Just in case you notice increased activity on 10 meters on August first,
> someone, or perhaps a group, has started a campaign to ask no code
> Technician Licensees to transmit illegally on HF allocations assigned to
> Technician Plus Licensees.

That kind of attitude and activity just makes the point that us "old, misanthropic, fuddy-duddys" have been saying all along. When you reduce standards, you reduce quality. Do we want MORE Hams or BETTER Hams? Do we even want this type of scofflaw in Ham Radio at all?

John (fuddy-duddy) W2AGN

Date: Thu, 24 Jul 2003 12:00:10 -0400
From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [154808] RE: [opinion] RS Mini Amp Praise
Message-ID: <000101c351fc\$a8cbe8d0\$7a032a0a@nyroc.ametek.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Denny,

Another use for such an amp is with an RF probe on the front end as a signal tracer. An RF probe is essentially an untuned AM detector.

For example, the fellow who was trying to repair the R/C vehicle could use such a setup to see if the transmitter was sending control tones for all the switches.

It's also good for tracing amplitude-modulated signals (including SSB) through an IF chain. (It's not as simple with FM or CW, but it can be done though.)

Back when I was a poorer than I am now, but still as cheap, a signal tracer and audio / RF signal generators got me through a lot of circuits that I'd use an oscilloscope for now.

Dave

David Hinerman WD8CIV
wd8civ@worldnet.att.net

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of

> Dennis Payton
> Sent: Thursday, July 24, 2003 10:37 AM
> To: Low Power Amateur Radio Discussion
> Subject: [opinion] RS Mini Amp Praise
>
>
> I believe one good item to put on a new builder's "must have" list is a
> Radio Shack Amplifier/Speaker (# 277-1008). I bought one when I first got
> into building about twelve years ago, and it's had regular use
> since. And I
> seem to see one sitting somewhere in almost every shack I visit.
> Since most
> rigs we build just have headphone output, it's great to have a speaker-amp
> handy to provide 'loud' speaker output. They also work nice to trace audio
> signals, and I even built a keyer into one, giving me a durable portable
> keyer with a monitor tone that I don't have to strain to hear.
>
> Although it seems to be pretty easy on batteries, I often forget and leave
> mine on, so invested in an AC adapter for the shack. Then I use
> rechargeable
> 9-volt batteries when I'm away from the shack.
>
> Denny Payton, N9JXY
> Auburn, IN
>
>

Date: Thu, 24 Jul 2003 12:06:10 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: ARDUJENSKI@aol.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154809] Re: Success with frequency specific dipoles?
Message-ID: <3.0.6.32.20030724120610.007c59b0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I made a 40/20 trap dipole to use with the "Gusher" support and feed line.
Seems to work okay. Traps were made with T50-2 cores and a silver mica cap.
Used a small scrap of pcb board for and insulator/support/strain relief for
the traps and "potted" the traps in liquid rubber after they were trimmed.

Don't have the antenna here at the shop at the moment - its up at the
cabin. Will try to remeber to bring it down the hill tomorrow in case
anyone wants to know values of the traps and wire lengths.

You could add a 15M dipole to that and now have just 4 wires to deal with. Either way, 4 or 6 wires, you'll have a lot of pruning to do, so better set it up and get busy!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Thu, 24 Jul 2003 12:19:27 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154810] Fw: Flight of the Bumblebees - Last Call
Message-ID: <011c01c35200\$3e0f3ed0\$93075dd8@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "W5TB" <w5tb@comcast.net>
To: <hjohnc@core.com>
Sent: Thursday, July 24, 2003 10:01 AM
Subject: Re: Flight of the Bumblebees - Last Call

> Hi John -- would you please post my Bumblebee announcement to QRP-L (I'm
> out
> of town and get "w5tb@comcast.net: You are not subscribed to
> qrp-l@Lehigh.EDU." since I'm subscribed as w5tb@arrl.net sigh ;-)
> -----
>
> I'm all set John! -- depending on WX W5TB/BB #90 will either hike about a
> mile up the Colorado Trail to a 10,000' ridge at the base of Mount
Shavano,
> operate from the Angel of Shavano campground about 1,000' below (with
that
> ridge to the east), or string a wire antenna in the rear garden of the
> little motel we are staying at this week in Salida CO. Luckily the owner
> was impressed with last week's foxhunt results using K2 and Norcal doublet
> and mentioned he had a friend who was a ham when he lived in Beaumont, so
> permission would be no problem and I could disconnect and scurry to room
if

> storms roll thru.
>
> First & 3d options provide better antenna locations , but then again that
> campground is mighty pretty and the van would be nearby in case of storms.
>
> Will try for option 1 which has a stunning view in keeping with spirit of
> the event but safety may dictate a much shorter walk to operating site in
> the event of storms which generate not only very cold rain but a LOT of
> lightning around here and which would make that ridgeline a poor place to
be
> ;-)
>
> I will probably be operating the k2 (maybe the k1 if I decide to go for
that
> steep climb up to the ridge) @5W to W3EDP longwire.
>
> Regardless of location I hope to work many fellow QRPers and look forward
to
> hearing what those Pesky Texans sound like from this end ;-)
>
> 73, Doc W5TB/BB #90 somewhere in Colorado - where it ain't 102 with high
> humidity ;-)
>
> ----- Original Message -----
> From: "John Huffman" <hjohnc@core.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Thursday, July 24, 2003 8:43 AM
> Subject: Flight of the Bumblebees - Last Call
>
>
> > OK Gang -
> >
> > This is the last call to get your Bee number for the Flight of the
> > Bumblebees.
> >
> > The last Bee Numbers will be assigned on Friday. The Bee roster will be
> > posted on the www.ARSqrp.com web site on Saturday. We'll all have a
bunch
> > of fun on Sunday.
> >
> > No number, no problem. Work all those Bees from home.
> >
> > Got a number but can't get out of the house, no problem. Just don't put
> /BB
> > at the end of your call and use your power out in your exchange instead
of
> > your Bee number.
> >

> > Still need a number, no problem. Just reply to this message with a
> request.
> >
> > For contest details see
www.ARSqrp.com/ars/pages/bumblebees/bb_rules.html
> >
> > 73 de NA8M
> > John
> >
>
>
>

Date: Thu, 24 Jul 2003 12:28:11 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154811] Re: R. Hollingsworth might be busy on August 1st
Message-ID: <3F20091B.8E89889B@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Funny thing. Just found out that the guy who started this, holds an
Extra Class license. So he knows he can be chatting away legally, while
he invites others to commit an illegal act. ...

More important than what this person thinks about the code requirement
is what these people have to say about it:

<http://www.arrl.org/news/features/2003/07/24/1/?nc=1>

73,
--Alex KR1ST

Date: Thu, 24 Jul 2003 12:47:40 -0400
From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>, "NEQRP LIST" <neqrp@jona1.net>
Subject: [154812] Code Rqm't comment
Message-ID: <003b01c35203\$4be84a80\$18c6e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've sent this brief note to ARRL for consideration:

In all public and many private service organizations there are strong historic links to the ideals and principles upon which each service was founded. There are many good reasons for maintaining those links and all have at least one reason in common: to honor and perpetuate the spirit and tradition of high achievement throughout the history of the service.

Consider the spectrum of uniforms in the military service of nations for instance, and the ceremonies that fraternal and religious organizations preserve. Secret language, gestures and symbols have powerful significance in their special context. To outsiders certain traditions may seem quaint, outmoded, or downright silly. That perception fails to recognize the power of historic, proven sources of guidance and inspiration to people around the world.

The amateur radio practitioner has served many nations honorably and vitally for approximately one hundred years. Among the "traditions" that amateur radio has maintained is the Morse Code. Uniquely perhaps, that tradition has proven to have significant value and utility throughout its history, in both immediate and extended communities. It would be prudent to nurture and preserve that tradition and to reward special effort to achieve and to serve.

Sincerely,
Seabury A. Lyon
AA1MY

Date: Thu, 24 Jul 2003 09:55:37 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <kr1st@amsat.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154813] Re: R. Hollingsworth might be busy on August 1st
Message-ID: <004901c35204\$a4b68e00\$9534bbd0@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nothing personal, Alex, but I am suspect of the credibility of this message.
It sounds like some kind of troll trying to start a flame war to me.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California

=====

----- Original Message -----

From: "Alex" <kr1st@amsat.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, July 24, 2003 6:37 AM

Subject: R. Hollingsworth might be busy on August 1st

> Just in case you notice increased activity on 10 meters on August first,
> someone, or perhaps a group, has started a campaign to ask no code
> Technician Licensees to transmit illegally on HF allocations assigned to
> Technician Plus Licensees.

Date: Thu, 24 Jul 2003 12:04:10 -0500 (CDT)

From: Dale Botkin <dale@botkin.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [154814] Re: R. Hollingsworth might be busy on August 1st

Message-ID: <Pine.LNX.4.33.0307241132240.4166-100000@madmax.botkin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Jul 2003, John L. Sielke wrote:

>

> > Just in case you notice increased activity on 10 meters on August first,
> > someone, or perhaps a group, has started a campaign to ask no code
> > Technician Licensees to transmit illegally on HF allocations assigned to
> > Technician Plus Licensees.

>

> That kind of attitude and activity just makes the point that us "old,
> misanthropic, fuddy-duddys" have been saying all along. When you reduce
> standards, you reduce quality. Do we want MORE Hams or BETTER Hams? Do we
> even want this type of scofflaw in Ham Radio at all?

I would be very careful, though, about reading this as anything more than one misguided individual spouting nonsense - unless evidence points to the contrary. That's the thing about the Internet, any idiot can post whatever nonsense he or she pleases - and it seems that most do. I don't personally know a single ham, Technician or otherwise, who would even consider transmitting out of band for anything less than a life or death emergency. Of course there are a few twits out there who might see it as some sort of "civil disobedience" thing, but the world seems to be bursting at the seams with twits full of stupid ideas. Heck, turn on the TV for plenty of examples - or visit Washington (or QRZ.com).

73,
Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Thu, 24 Jul 2003 13:40:17 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [154815] Re: Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <20030724133833.J46662-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Jul 2003, Mike Yetsko wrote:

>
> Now IS the time to consider what steps should be taken to insure
> what can be done to limit the possible reduction of 'CW reserved'
> bandspace in the future.

Great point.

>
> And they have to be POSITIVE steps. Negative moaning and whining
> will at best accelerate the move to remove CW as a requirement, and
> at worst lead to the loss of CW space.
>

Might be preaching to the choir....but increased operating on CW might
help...and maybe spread it out away from the traditional calling
frequencies.

73

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Thu, 24 Jul 2003 10:55:47 -0700
From: "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
To: <qrp-l@Lehigh.EDU>
Subject: [154816] Re: Code Rqm't comment
Message-ID: <0a8f01c3520c\$d0a40080\$7e5bfea9@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

as a no-code tech plodding along to learn the code may i make a suggestion?
eliminate the code requirement for a General ticket and keep it for an Extra
ticket. 73 de tim kg6irh

----- Original Message -----

From: "sslyon" <sslyon@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, July 24, 2003 9:47 AM
Subject: Code Rqm't comment

> I've sent this brief note to ARRL for consideration:
>
>
> In all public and many private service organizations there are strong
historic
> links to the ideals and principles upon which each service was founded.
There
> are many good reasons for maintaining those links and all have at least
one
> reason in common: to honor and perpetuate the spirit and tradition of high
> achievement throughout the history of the service.
>
> Consider the spectrum of uniforms in the military service of nations for
> instance, and the ceremonies that fraternal and religious organizations
> preserve. Secret language, gestures and symbols have powerful significance
in
> their special context. To outsiders certain traditions may seem quaint,
> outmoded, or downright silly. That perception fails to recognize the power
of
> historic, proven sources of guidance and inspiration to people around the
world.
>
> The amateur radio practitioner has served many nations honorably and
vitally for
> approximately one hundred years. Among the "traditions" that amateur radio
has
> maintained is the Morse Code. Uniquely perhaps, that tradition has proven

to
> have significant value and utility throughout its history, in both
immediate and
> extended communities. It would be prudent to nurture and preserve that
tradition
> and to reward special effort to achieve and to serve.
>
> Sincerely,
> Seabury A. Lyon
> AA1MY

Date: Thu, 24 Jul 2003 14:05:10 -0400
From: "Martin Hartwell" <chartwell@worldnet.att.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [154817] FS. Laptop
Message-ID: <LCEBJOKPGPNGOAKECJNGME00CKAA.chartwell@worldnet.att.net>

Hi

I am going to sell my laptop I use for the digital modes.
It is: IBM 760 EL Pentium color monitor, 1.4 GB hard disk. It
comes with CD Rom drive and 3.5" floppy. Either one installed under
the keyboard at one time. Power converter and internal battery works
good. Loaded with W98SE and may free downloaded logging programs and
FT Commander and psk deluxe.

I am asking \$235.00 USPS M0. This includes insured USPS shipping to CONUS.

Contact me either phone 614-428-9713 or email at chartwell@att.net

The email is probably best.

Marty kd8bj

Date: Thu, 24 Jul 2003 14:07:54 -0400
From: "John L. Sielke" <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [154818] Re: Code Rqm't comment
Message-ID: <oprsttzgpun9p1ib@smtp.comcast.net>
Content-Type: text/plain; charset=iso-8859-15; format=flowed
MIME-Version: 1.0

> I've sent this brief note to ARRL for consideration:

<snip>

Seab,

That was truly a well written and superb note. I can only hope the ARRL truly considers "the will of the membership."

John W2AGN

Date: Thu, 24 Jul 2003 13:18:33 -0500
From: Terry Bassett <mutabut@net66.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [154819] Re: Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <3F2022F9.2090406@net66.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Great point.

>

>>And they have to be POSITIVE steps. Negative moaning and whining
>>will at best accelerate the move to remove CW as a requirement, and
>>at worst lead to the loss of CW space.

>>

>

>

> Might be preaching to the choir....but increased operating on CW might
> help...and maybe spread it out away from the traditional calling
> frequencies.

>

Hello,

This is what I was trying to say a while back about having everyone that likes cw authorized to use all the cw area. We have got to show that we use it we will surely lose it. We at the same time must get everyone that knows the thrill of cw to feel a part of the Fraternity or we will be a 'house divided' and will not be able to stand the oncoming freight-train of band-grabbers...

73,

Terry ka9txe

Date: Thu, 24 Jul 2003 14:28:19 -0400
From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>, "NEQRP LIST" <neqrp@jona1.net>
Cc: "Brian B. Riley" <brianbr@wulfdn.org>,
"Harper, Rex" <w1rex@megalink.net>,
Subject: [154820] LOBSTERCON re re...
Message-ID: <006501c35211\$5b994980\$18c6e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lobstercon 2003 provided an unique and unforgettable opportunity to:
1.) Enjoy a wonder-full, (v-e-r-y) informal weekend of fun, food and fellowship in beautiful surroundings
2.) Gain awesome respect and admiration for the folks who produce "main events" like Pacificon, Atlanticon.

Regarding (1.), Rex's (W1REX) whole idea of Lobstercon was to provide a very relaxed, natural setting to socialize, play radio and enjoy an unique local treat that can't be duplicated anywhere else. That's been accomplished in spades two years in a row, despite some 'iffy' weather. The vision of Bill Legge conducting a hundred lobsters in 'hell's kitchen' won't fade any time soon, and the reason napkins were invented became abundantly clear at the tables!

Regarding (2.), we are certainly not on the scale of the big guys and don't aspire to the same lofty goals, (they don't have to worry about competition!) but a lot of work goes into Lobstercon just the same. Fortunately, (and surprisingly) it's all proven to be worth it and we'll continue to refine our goals & methods in order to make it even better. Attendees can help by providing constructive comment now -and hands, too, when the time comes.

The Lobstercon web page is developing nicely <<http://www.wulfdn.org/Lobstercon>> and shows great pics of the goings-on. (thanks, Brian & Sara) Be sure to scan down to the link to the main section of pics, etc. Sincerest thanks to all who helped make it all a great success. Who knows what 2004 will bring?.... no clue -but I'm definitely going to be there to find out!

72/73
seab
aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Brian B. Riley" <brianbr@wulfden.org>
To: "Seabury Lyon (AA1MY)" <sslyon@megalink.net>; "Rex Harper (W1REX)"
<w1rex@megalink.net>; "Dennis Marandos - K1LGQ - Brookline, NH"
<k1lgq@dennis.mv.com>; "Jim Cluett" <jim@w1pid.com>; "Jim Francoeur KC1FB"
<kc1fb@optonline.net>; "James McElroy (NS1E)" <jdmcelroy@mcttelecom.com>;
"K1SWL" <dave@smallwonderlabs.com>; "John Grow" <jgrow@sympatico.ca>
Sent: Wednesday, July 23, 2003 11:06 PM
Subject: More Pix

> I got a disk full of fine pix from Jim NS1E today and made some changes to
> the site adding a hald dozen or more pix and text, fixed some more booboos.
> I need 'testimonials now, get on out and beat the bushes to guys you know
> who went and aren't on my address book and write them yourselves. I have a
> great one from W1PID he posted to QRP-L BEFORE he went!
>
> <<http://www.wulfden.org/Lobstercon>>
>
> cheers ... 73 de brian, n1bq
>

Date: Thu, 24 Jul 2003 13:30:46 -0500
From: George Franklin <w0av@juno.com>
To: sslyon@megalink.net
Cc: qrp-l@Lehigh.EDU
Subject: [154821] Re: Code Rqm't comment
Message-ID: <20030724.133046.-15928819.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Fellow Mourners,

The reports on the death of CW may be somewhat premature.

I refer you to the excellent five-page article in "73 Amateur Radio Today," August, 2003, by Bart J. Hill K7LTC/4. The article is entitled "GI Joe and Mr. Morse."

Bart, whose e-mail address suggests that he is connected with the US Military, documents current CW requirements in several branches of the armed forces.

I quote the sub-title of the article: "Try telling the military that Morse code is dead."

What the FCC will finally decide regarding a CW requirement for ham licenses remains to be seen, but I am not optimistic.

72/73 de George/W0AV
Hamming since 1935

Date: Thu, 24 Jul 2003 11:34:47 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: <sslyon@megalink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154822] Re: Code Rqm't comment
Message-ID: <000f01c35212\$43604f20\$0b861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank you for your comments, I totally agree. Its not really that much of a hurdle either for some of the bright kids interested today in Ham Radio. I got my start copying code 8 hours a day in Service radio ops school and I have always considered CW as the basic form of radio communications. I thought it was great 50 years ago, and still do...John KF7OM

----- Original Message -----

From: "sslyon" <sslyon@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, July 24, 2003 9:47 AM
Subject: Code Rqm't comment

> I've sent this brief note to ARRL for consideration:

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>
> Sincerely,
> Seabury A. Lyon
> AA1MY
>
>
>

Date: Thu, 24 Jul 2003 11:38:59 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [154823] Re: Fwd: [Amateur-repairs] UK Licencing changes
Message-ID: <20030724183859.GA29296@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Jul 24, 2003 at 01:40:17PM -0400, Thom LaCosta wrote:

> On Thu, 24 Jul 2003, Mike Yetsko wrote:

>

> >

> > Now IS the time to consider what steps should be taken to insure

> > what can be done to limit the possible reduction of 'CW reserved'

> > bandspace in the future.

>

> Great point.

> >

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> help...and maybe spread it out away from the traditional calling

> frequencies.

Many (most?) countries seem to have no mode-specific band allocations, but rely on the use of either national or IARU regional band plans. This appears to work (except during some SSB contests on 40 meters, but that is currently a fairly narrow band in Regions 1 and 3).

Maybe I am being pessimistic, but I fear that the use of voluntary band plans might not work very well here, although I do feel that too many aspects of life (not just ham radio) tend to be over-regulated.

As Thomas Jefferson said, "That government which governs least governs best."

Unfortunately, government is like entropy, it can only increase.

73,

Bob, N7XY

Date: Thu, 24 Jul 2003 13:39:39 -0500

From: Rob Matherly <w0jrm@arrl.net>

To: qrp-l@lehigh.edu

Cc: "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>

Subject: [154824] Re: Code Rqm't comment

Message-ID: <200307241339.40116.w0jrm@arrl.net>

Content-Type: text/plain;

charset="iso-8859-1"

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

On Thursday 24 July 2003 12:55 pm, Timothy-Allen Albertson-KG6IRH wrote:
> as a no-code tech plodding along to learn the code may i make a suggest=
ion?
> eliminate the code requirement for a General ticket and keep it for an
> Extra ticket. 73 de tim kg6irh

And what happens when you want your Extra? Remove the code requirement f=
or=20
it, also? Just because you have difficulty with something doesn't mean i=
t=20
should be made easier. Buckle down, study hard, and you'll find the resu=
lts=20
(IMO) very rewarding.

72/73/oo
Rob, w0jrm

Date: Thu, 24 Jul 2003 11:46:59 -0700
From: "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
To: "Rob Matherly" <w0jrm@arrl.net>
Cc: <qrp-l@lehigh.edu>
Subject: [154825] Re: Code Rqm't comment
Message-ID: <006601c35213\$f77e1f40\$7e5bfea9@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

i have every expectation of passing the code test in September. one main
reason i make this proposition is that we face some real threats, such as
BPL, to HF bands.

----- Original Message -----
From: "Rob Matherly" <w0jrm@arrl.net>
To: <qrp-l@lehigh.edu>
Cc: "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
Sent: Thursday, July 24, 2003 11:39 AM
Subject: Re: Code Rqm't comment

On Thursday 24 July 2003 12:55 pm, Timothy-Allen Albertson-KG6IRH wrote:
> as a no-code tech plodding along to learn the code may i make a
suggestion?
> eliminate the code requirement for a General ticket and keep it for an
> Extra ticket. 73 de tim kg6irh

And what happens when you want your Extra? Remove the code requirement for it, also? Just because you have difficulty with something doesn't mean it should be made easier. Buckle down, study hard, and you'll find the results (IMO) very rewarding.

72/73/oo
Rob, w0jrm

Date: Thu, 24 Jul 2003 12:06:41 -0700
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-l@LEHIGH.EDU>
Subject: [154826] RE: Code Rqm't comment
Message-ID: <BLEKJMCJBOEAAIECDNNCCEJPGLAA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Also, as I recall, Morse Code is still in use in some of the UK Special Forces.

Cheers for now, 73,
Adam VA7OJ/AB4OJ

Date: Thu, 24 Jul 2003 15:19:37 -0400
From: "John Harper AE5X" <john@ae5x.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [154827] Re: Code Rqm't comment
Message-ID: <000301c35218\$8617b820\$6501a8c0@JOHN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Beautifully written, Seab. I've saved it as a Word file knowing I'll want to read it again.

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Thu, 24 Jul 2003 12:22:12 -0700
From: "Lyle Johnson" <wa7gxd@fidalgo.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154828] RE: Code Rqm't comment
Message-ID: <NEBBKGGNGLGOHDJKFAPHCEMCEKAA.wa7gxd@fidalgo.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi!

I confess, I am an SSB op, what little operating I do. And as much on A040 as on HF...

I've been licensed for 39+ years. To get my Advanced, I had to travel to the FCC. To get my Extra, I had to pass a 20 WPM Morse exam. But you know, I didn't have to take a special SSB exam to operate SSB, nor did I have to take a PSK31 test to operate PSK31, or a packet test, or a satellite test...

You get the picture.

All the WARC did was to eliminate the international stipulation that an Amateur had to pass a CW test to get HF privileges. Nothing more.

It is not outlawing CW, any more than it is outlawing RTTY or SSB.

The RTTY sub-band is not very large, and it is mostly not RTTY these days. Why? because more hams choose to operate PSK31 than RTTY. Or AMTOR...

How do you keep CW sub-bands? By operating CW and keeping the sub-bands occupied (unlike VHF/UHF where you buy spectrum and get it set aside by a "frequency coordinator" so you can leave it idle and deny others access to it).

My advice? Use CW! And you know what? The CW sub-bands will be around for a long, long time...

Don't waste your time arguing the merits of CW, trying to turn back the clock, or moaning about rules changing in the 21st century, or getting unhappy because someone else got their Extra without doing what you had to do some years or decades past. Don't forget, you got to *use* the bands for those years or decades...

Just another opinion.

72/73,

Lyle KK7P

Date: Thu, 24 Jul 2003 13:18:58 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [154829] Re: R. Hollingsworth might be busy on August 1st
Message-ID: <20030724.132156.-336639.6.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Many years ago, I worked with one of the alphabet agencies and we did some enforcement of the communications laws at the request of the U.S. Attorney and FCC. For those that entered into illegal communications such as doing false calls, profane and obscene operations while using false calls, that was not the focus of the charges, tho it could have been. And in the case of the fellow trying to get others to violate the law there is a section that has to do with 'conspiracy to violate federal law'. That conspiracy law carries a major felony penalty and with that really hard vacation time. So, if the FCC or Riley as mentioned were of a mind to, then the charges could be really serious regardless if acts ever take place.

Strange people and agendas out there.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Thu, 24 Jul 2003 14:36:59 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Terry Bassett <mutabut@net66.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [154830] Where can CW/Morse be located?
Message-ID: <Pine.LNX.4.44.0307241436130.27310-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Remember, Morse can be used virtually ANYWHERE on the bands.

(even in SSB subbands)

On Thu, 24 Jul 2003, Terry Bassett wrote:

> > Great point.
> >
> >>And they have to be POSITIVE steps. Negative moaning and whining
> >>will at best accelerate the move to remove CW as a requirement, and
> >>at worst lead to the loss of CW space.
> >>
> >
> >
> > Might be preaching to the choir....but increased operating on CW might
> > help...and maybe spread it out away from the traditional calling
> > frequencies.
> >
> >
> Hello,
>
> This is what I was trying to say a while back about having everyone
> that likes cw authorized to use all the cw area. We have got to show
> that we use it we will surely lose it. We at the same time must get
> everyone that knows the thrill of cw to feel a part of the Fraternity or
> we will be a 'house divided' and will not be able to stand the oncoming
> freight-train of band-grabbers...
> 73,
>
> Terry ka9txe
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 24 Jul 2003 14:50:58 -0400 (EDT)

From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154831] Re: Code Rqm't comment
Message-ID: <Pine.LNX.4.44.0307241437270.27310-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I wouldn't say that Tim is necessarily struggling - it's not clearly inferrable from his comment.

However, it is true that pro-coders have been called Luddites and no-code proponents have been described as "wishing to bring on the apocalypse."

Tim, good luck in your studies.

I did code so I could get phone privileges.

Then I realized code was more fun, and now I use it 99% of the time.

Had I not had to learn it in the first place, I would have probably not had any incentive to learn it, and my career in ham radio would probably be far, far less interesting and rewarding than it presently is.

On Thu, 24 Jul 2003, Rob Matherly wrote:

> On Thursday 24 July 2003 12:55 pm, Timothy-Allen Albertson-KG6IRH wrote:
> > as a no-code tech plodding along to learn the code may i make a suggestion?
> > eliminate the code requirement for a General ticket and keep it for an
> > Extra ticket. 73 de tim kg6irh
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> And what happens when you want your Extra? Remove the code requirement for
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> should be made easier. Buckle down, study hard, and you'll find the results
> (IMO) very rewarding.
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--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 24 Jul 2003 12:44:07 -0700
From: "KD7SNX Rob. C" <kd7snx@earthlink.net>
To: "message post" <qrp-l@lehigh.edu>
Subject: [154832] Re: Code Rqm't comment
Message-ID: <001b01c3521c\$1cba01e0\$af40b83f@Cravers>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I myself and studying for the code. I am almost done too! It is really simply if you just sit down and make it a game! I am going to try to pass the test at tuthill 2003, but I am having trouble with the numbers. But the good thing is that the testing here in Tucson is at the beginning of the month. So I will take the general written test and the code test at tuthill, and if I don't pass I will not be too big of a bummer, because I can just get on the computer and practice the numbers a little more, and take the test at the beginning of next month. I just can't wait to get on the air with the great and challenging, but fun mode, of cw. If people that don't want to learn it, can get on echolink, irlp, and wires to work dx. And if they are not happy with that then they can buckle down and learn it.

it is an important thing to know. I was told be someone that if thing are forced upon you, you will not want to do it. Maybe that is the way some people despise cw? I do not know. I just don't want to make any one upset or mad because every one think and sees things differently. To sum up cw is fun and very reliable mode, but every one is entitled to his/her opinion.

73

Rob C.
KD7SNX
www.qsl.net/kd7snx

Date: 24 Jul 2003 22:57:48 +0300
From: Paul <mooney@cytanet.com.cy>
To: aa8vs@msn.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154833] Re: UK Licencing changes - my thoughts
Message-ID: <1059076668.2757.2.camel@paul.and.jeanette>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Thu, 2003-07-24 at 16:58, Charles Mabbott wrote:

> Not intending to start the wars, but IMHO as the requirements are downsized

> and possibly in the future dropped. This will cause a lot of fun to be
> missed by the future hams. We have a lot of guys in the local clubs here
> that say code is passa, not used, useless, and why stay with an outmoded
> mode??? Of course these guys still hunt deer with bows and arrows to how
> outmoded can you get.... But I am straying...
>
> It was a requirement and after using it I found I enjoyed code mode. I can
> escape the cares and technology of the day and find time for a relaxing CW
> QSO and within minutes the troubles of my day just go away. There are
> fellows out there that have gotten into ham radio to find ways to relax and
> boy to we have plenty of that!! Satellites, APRS, SSB, Moon bounce, home
> brewing, yadda yadda.....
>
> I suspect we are never going to get the code requirement back if gone, so we
> will have to hone our Elmer skills to help share the fun and challenge to a
> fresh group of hams about the code. The 5 WPM minute is not really
> helpful, if the speed was around 12 or so it would get them going quicker,
> but that is only my opinion.
>
> In conclusion, there is an aspect [mode] of the hobby that I have found over
> the years to be a lot of fun and I for one am sorry that it could be lost
> down the road. The code requirement at least exposed people to the mode, it
> did not mandate they had to use it. It exposed them to it and it was up to
> them to keep it up or pick another mode.....
>

There is a change in the requirement for licensing - NOT a loss of
morse. The answer here is surely to 'use it or lose it' - use the bands
fully and watch those who want to (and are able) to learn morse join the
fun.

Paul M.

Date: 24 Jul 2003 23:02:25 +0300
From: Paul <mooney@cytanet.com.cy>
To: w8kc@comcast.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154834] Re: R. Hollingsworth might be busy on August 1st
Message-ID: <1059076945.2757.7.camel@paul.and.jeanette>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Thu, 2003-07-24 at 17:15, Paul Valko - W8KC wrote:

> ----- Original Message -----
> From: "Alex" <kr1st@amsat.org>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Thursday, July 24, 2003 9:37 AM
> Subject: R. Hollingsworth might be busy on August 1st
>
> <quote>
> we want to show that just because we didn't pass some dinosaur morse
> code test that we are bad operators.
> </quote>
>
> "We ARE bad operators?" heh heh heh... I'm sure the person who typed that
> meant to say, "We are NOT bad operators."
>
> I wonder if they'll prove their point?
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics.
> Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>
>

heh, heh, heh,

Read it again.

Paul M

Date: Thu, 24 Jul 2003 15:06:22 -0500
From: "" <brian@iquest.net>
To: "" <ham@w3eax.umd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [154835] Re: Where can CW/Morse be located?
Message-ID: <1059077182.3f203c3edd627@webmail.iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Except 60m

de KB9BVN

Quoting "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>:

> Remember, Morse can be used virtually ANYWHERE on the bands.
>

> (even in SSB subbands)
>
> On Thu, 24 Jul 2003, Terry Bassett wrote:
>
> > > Great point.
> > >
> > >>And they have to be POSITIVE steps. Negative moaning and whining
> > >>will at best accelerate the move to remove CW as a requirement, and
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> > This is what I was trying to say a while back about having everyone
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> > that we use it we will surely lose it. We at the same time must get
> > everyone that knows the thrill of cw to feel a part of the Fraternity or
> > we will be a 'house divided' and will not be able to stand the oncoming
> > freight-train of band-grabbers...
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> > Terry ka9txe
> >
>
> --
> Scott Rosenfeld ARS N7JI
> 541-684-9970 Eugene, OR Land o' much rain
> If you find me on the air, I'm probably in my car
> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>
>
>

Date: Wed, 23 Jul 2003 20:09:15 +0000
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154836] Re: Success with frequency specific dipoles?
Message-ID: <200307232009.15089.w9ya@arrl.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

This is very true BUT..... I did build a tri-band "fan dipole" of sorts for fd this year. It had several 2.5 foot wooden spacers spaced along each half so the 20 and 40 meter dipoles would have minimal interaction. It looked somewhat like the multi-element dipoles from alpha-delta or w9inn. The spacing was much larger than the alpha-deltas and I also did not use any "resonators" (loading coils).

I was able cut the 20 meter dipole to resonance right at 14.05 MHz, the 40 meter to 6.95 MHz and got 21.1 MHz to boot. with these two "stacked" dipoles. The 2:1 bandwidth was very close to what you might expect for individual dipoles, so it appears that they are not too lossy.

Call it serendipity, but I won't argue with what works !!

Vy 72 gang;

Bob Finch
w9ya

On Thursday 24 July 2003 02:26 pm, Bruce Muscolino wrote:

> One other point, a 40 meter dipole, i.e., 7 MHz, cut antenna will not
> resonate at 21 MHz, but at a higher frequency, closer to 21.5 MHz.
>
> 73

Date: Thu, 24 Jul 2003 16:14:44 -0400
From: donovanhoggan@netscape.net
To: qrp-l@lehigh.edu
Subject: [154837] re:Code Rqm't comment
Message-ID: <3A244B80.65108F6A.42854415@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hi all,

I hate to be the one dissenting voice, but I can't agree. Putting on a uniform,

or memorizing a tradition is not an accurate parallel. These are fairly straightforward and quickly learned. I know there are some who have mastered CW in an evening (or at least reached the 5wpm level), but I am not one of them. I don't learn very well at all through my ears and I'm having an awful time. I've been working on it more-or-less daily for about three months now and I've still only got 1/2 of the alphabet.

While I am all for tradition and initiation rites, can't we pick something that is a little more accessible? I think this is the equivalent of requiring someone to crank-start an old Model "T" to get his driver's license. The more elite we try to keep this hobby, the more people we exclude and the more we threaten its survival.

I am also skeptical about the fear that removing the requirement will bring about the death of CW on the air. I know plenty of "certified" people who haven't listened to a dit or a dah since they got their licenses. At the same time, dropping the requirement for a separate digital license has not lead to the death of RTTY, PSK-31 or packet.

My opinion for what it's worth!

A struggling HF wannabe.

Donovan

VA6DON

McAfee VirusScan Online from the Netscape Network.

Comprehensive protection for your entire computer. Get your free trial today!

<http://channels.netscape.com/ns/computing/mcafee/index.jsp?promo=393397>

Get AOL Instant Messenger 5.1 free of charge. Download Now!

<http://aim.aol.com/aimnew/Aim/register.adp?promo=380455>

Date: Thu, 24 Jul 2003 16:40:43 -0400

From: "Joe W2KJ" <w2kj@bellsouth.net>

To: "qrp-1" <qrp-1@lehigh.edu>

Subject: [154838] Looking for 2SC3240 transistors

Message-ID: <00a301c35223\$da83a760\$220110ac@gateway.2wire.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Howdy Gang:

I did the usual Google search and came up with one source for 2SC3240 transistors that I need. They are listed for \$28.50 each.

Wonder if any of y'all have a source for these transistors at a lower price???

I may be throwing good money after bad on a project so price is an issue in this case.

Many thanks for any info y'all can provide.

73, Joe W2KJ

Date: Thu, 24 Jul 2003 17:17:53 -0400
From: "Tom" <kf4yyd@adelphia.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [154839] Re: PIC Elmer Series?
Message-ID: <EIEBLEILGEEGMLHGH0AGAE0KCJAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I be interested, I actually have a few PIC samples I ordered but have no idea what to do with them.

73, de Tom kf4yyd
Fredericksburg Virginia

SW-40+/ZM-2/El Cheapo Straight Key
QRPARCI #10661, FPqrp #610, ARS #1322
IDHACWID* QRP Club #1

Date: Thu, 24 Jul 2003 14:24:51 -0700 (PDT)
From: Jeff Furman <jfurman@ocs.net>
To: banner <banner@texhoma.net>, qrp-1@lehigh.edu

Subject: [154840] Re: Wein Bridge question.

Message-ID: <Pine.LNX.4.21.0307241231360.14527-100000@ocs.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Stew, the reason I put the two resistors, r_5 and r_6 in parallel was a simple way to assure the series resistor in the wien network ($r_5 || r_6$) is the same value as the shunt resistor ($r_1 || r_2$). Recall the equivalent resistance looking into a voltage divider is the two resistors in parallel (the battery is assumed to be very low internal resistance and the amplifier input resistance is assumed to be large relative to the other resistor values because there is a lot of feedback.)

The design basis is this: the amplifier with its resistive feedback has a dc gain of about 3 (the ac gain is adjusted by the agc circuitry to make an effective ac gain just right to maintain oscillation); I want the output of the amplifier to be at roughly half the supply voltage for the dc operating point; this makes the input bias divider a voltage ratio of 1/6 or so. I selected two standard 5% values to do that for r_1 and r_2 . The actual circuit doesn't have half the supply voltage at the output because I ignored a standard rule of thumb in order to further simplify the resistor choices: the v_{be} of a silicon transistor is pretty much a fixed value between 0.5v and 0.7v (I would use 0.65v typically for first order design.) This amounts to a voltage offset at the base of Q1, so, I expect a departure of about 1.95v from the half supply voltage. With a high enough supply voltage, this doesn't matter, but it could be used to better select r_1 and r_2 (for some particular supply voltage). Actually, the equation for the design is:

$$(v_s/6) + v_{be} = v_s * r_1 / (r_1 + r_2)$$

v_s is the supply voltage. This equation doesn't uniquely define the two resistor values-- another condition is necessary-- that might be a requirement for their parallel combination to be a favorite or required value, for example, or you want a particular value of supply current for this bias divider that implies roughly the sum of the resistors is constrained, or maybe just that you can find two values in the standard 5% (or 1%) resistor value list that work. Let's say you wanted to use a single resistor instead of $r_5 || r_6$. Your favorite value might be, say 10k, then you would want $r_1 || r_2$ to be 10k also. Second equation:

$10k = r_1 * r_2 / (r_1 + r_2)$. now, can you find standard values for r_1 and r_2 ? There might be some negotiation for the favorite value to get things to work out-- maybe 9.1k or 11k instead? The important issue of the design frequency shows up here-- the capacitors you have on hand (matched values, naturally) may require a particular value for this resistor in order to oscillate at the desired frequency.

Frankly, I just put in some typical value capacitors for c_1 and c_2 and discovered it oscillates at about 800Hz. If I initially guessed wrong, say, using 1uF caps instead, you would never see that. By some coincidence that's close to 5000 radians/sec (that other unit of frequency), maybe

handy for using in measuring reactances.

What I tried to show is a vignette of an actual design process, guided by analysis (to provide design equations,) and practical constraints (available component values, vbe). This is just a simple example; one can drill down and deal with such things as the temperature variation of components (vbe in particular), heat dissipation, imperfect matching of components, robust agc circuitry, and lots of other heartburn items. Each additional constraint adds its burden of complexity; at some point you just have to try it-- the simulator helps here, followed by a haywired model to check the simulation conclusions.

I realize this is more than you asked about; I'm using it as a vehicle to reveal a bit behind the veil. I hope this reply helps you.

You can download a free demo copy of a decent circuit simulator here:

<http://www.spectrum-soft.com>

so you don't have to be without.

for reference, this is the net list being discussed:

```
C1 2 0 .01U
C2 6 2 .01U
C3 8 3 .01U
D1 4 7 D1N4148
D2 7 4 D1N4148
Q1 1 2 3 2N3904 (c b e)
Q2 4 1 5 2N3906 (c b e)
R1 2 0 15K
R2 5 2 75K
R3 3 0 4700
R4 4 3 10K
R5 4 6 75K
R6 4 6 15K
R7 8 7 150K
V1 5 0 9 (+ - 9v. batt.)
```

73, Jeff AD6MX

On Thu, 24 Jul 2003, banner wrote:

```
> OM Jeff,
>
> In looking over your oscillator, I notice that R5 and R6 are in
> parallel. Is this to get a 12.5 parallel resistance, or am I seeing
> something I shouldn't? I don't own a SPICE program to check with, I'm just
> taking your word that it'll work. What's the design frequency?
>
> Thnaks, Stew, KD5DL
>
>
>
```

Date: Wed, 23 Jul 2003 21:30:55 +0000
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154841] Re: Code Rqm't comment
Message-ID: <200307232130.55592.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-15"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

I agree with the sentiment but sadly know that usually the will of the advertisers will (eventually) prove the most pervasive. And it doesn't take a genius to figure out where the manufacturers (advertisers) are in this whole thing. While I disagree that lowering/eliminating the code requirement(s) means more money spent on equipment, I have been in meetings at Dayton where the manufacturers' reps "lobbied" the ARRL on this very subject. I am sure these meetings weren't the only ones ever to take place either.

Sigh.

Bob
w9ya

On Thursday 24 July 2003 06:07 pm, John L. Sielke wrote:
> > I've sent this brief note to ARRL for consideration:
>
> <snip>
>
> Seab,
>
> That was truly a well written and superb note. I can only hope the ARRL
> truly considers "the will of the membership."
>
> John W2AGN

Date: Wed, 23 Jul 2003 21:34:29 +0000
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [154842] Noreaster Docs
Message-ID: <200307232134.29740.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Hey Gang !

I am the fortunate recipient of a "brand new" Noreaster kit. However the docs seem to not have the schematics and parts placement drawings and possibly others are missing. I do have pages numbered 1 -10 inclusive.

Does anyone have a copy of these docs I can get ?

72 ;

Bob
w9ya

Date: Thu, 24 Jul 2003 17:37:39 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: donovanhoggan@netscape.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [154843] Re: Code Rqm't comment
Message-ID: <3F2051A3.10702FBB@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think you are trying to hard. I learned the code way back when dits were gravel and dahs were boulders. I learned it because I learned how I learn. I sort of independently discovered the Koch method. I learned it at 5 wpm. I learned three characters at a time. I made sure they weren't related characters like :e, I, s, or h". That would have added confusion in my case. I practiced every other day for periods of 30 minutes maximum, but started with 10 minutes or less. Learning a new "language" is a very stressful situation, sometimes your brain just has to take a vacation. In two months I was copying code at 7 - 10 wpm. I had to learn it, I wanted to become a ham. I had no alternative at that time. You can learn the code at 5 wpm, if you forget it the afternoon you pass the test, who cares.

Date: Thu, 24 Jul 2003 17:49:18 -0400
From: "Ken Newman" <n2cq@comcast.net>
To: "W3BG Jim Samuels" <W3BG@arrl.net>,
"K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [154844] [CONTEST] N2CQ QRP Contest Calendar July 26-31
Message-ID: <001401c3522d\$70d32e80\$dbc92d44@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
July 26-31, 2003  
~~~~~

~~~~~  
Summer FOX Hunt - Sundays, 2200-2330Z through August 10.  
Info: <http://www.cqc.org>  
Truffle Hunt 30 min before Fox hunt. <http://fpqrp.com/pighunt2.html>  
~~~~~

~~~~~  
Islands On The Air Contest (CW/SSB) ... QRP Category  
Jul 26 - 1200z to Jul 27 1200z  
Rules: <http://www.rsgbhfcc.org/>  
~~~~~

~~~~~  
Kentucky QSO Party (CW/SSB/Digital)  
Jul 26 - 1600z to Jul 27 - 0400z  
Rules: <http://www.qsl.net/ky4ky/kyqsopartyrules.html>  
~~~~~

~~~~~  
Flight of the Bumblebees (CW) ... QRP Contest!  
Jul 27 - 1700z to 2100z  
Rules: <http://www.arsqrp.com/>  
~~~~~

~~~~~  
Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "N2CQ QRP Contest Calendar" for your website,  
newsletter, e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)  
72 de  
Ken Newman - N2CQ  
N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>

<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Thu, 24 Jul 2003 17:52:16 -0400  
From: Robin Kidd <robink@us.ibm.com>  
To: qrp-1@Lehigh.EDU  
Subject: [154845] re:Code Rqm't comment  
Message-ID: <0F8478C510.BF755497-0N85256D6D.007748D2-85256D6D.00782488@us.ibm.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

I have been reading all that has been said about the code requirement with great interest. Let me at the outset say that I am 100% CW and QRP so maybe my opinions might be a bit suspect. Nevertheless, the sense that I get out of all of the code vs. no-code arguments seems to be something that I have witnessed in our schools. We are reducing the requirements so that people will pass and get promoted. While it is good to pass it does promote the attitude of not having to work for what is valuable. I hate to see the ham community connect on to the same views that have caused the degradation of our school system. I realize that some will vehemently disagree with me on this but as I said at the beginning my views might be somewhat suspect. I will now say AS and go put on my flame retardant suit...

72,

Robin  
KG4RSQ

Remember, the Ark was created by inspired amateurs but the Titanic was created by professionals...

-----  
Date: Thu, 24 Jul 2003 17:57:52 -0400  
From: "John L. Sielke" <jsielke@pobox.com>  
To: qrp-1@lehigh.edu  
Subject: [154846] RE: Code Rqm't comment



Message-ID: <oprst4mqk4n9p1ib@smtp.comcast.net>  
Content-Type: text/plain; charset=iso-8859-15; format=flowed  
MIME-Version: 1.0

> I am all for tradition and initiation rites, can't we pick something that  
> is a little more accessible? I think this is the >equivalent of  
> requiring someone to crank-start an old Model "T" to get his driver's  
> license.

Hey! That's a GREAT idea. Think of the reduction in traffic. AND, someone  
who REALLY wanted to drive, would learn how to crank start that old Model  
T, I bet!

John W2AGN

-----  
Date: Thu, 24 Jul 2003 21:58:22 +0000  
From: Arthur Moe <kb7ww@easystreet.com>  
To: qrp <qrp-l@Lehigh.EDU>  
Subject: [154847] Making etched circuit boards ??? somewhat OT.  
Message-ID: <3F20567E.1DA50E64@easystreet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

All,

I thought that this would be the list to ask this question on because of all  
the builders that are here.

I am about to start a new HV power supply project for a 432 Mhz amplifier. In  
the past I have used PERBOARD from Radio Shack to mount diodes, filter  
capacitors strings, and equalizing resistors. Well I now feel its time to join  
the 20th century and start making one off etched circuit boards, to mount  
components on. Would there be someone who would like to recommend a quick and  
dirty method.

Art  
KB7WW

-----

Date: Thu, 24 Jul 2003 18:01:05 -0400  
From: "John L. Sielke" <jsielke@pobox.com>  
To: qrp-1@lehigh.edu  
Subject: [154848] Re: Code Rqm't comment  
Message-ID: <oprst4r3fan9p1ib@smtp.comcast.net>  
Content-Type: text/plain; charset=iso-8859-15; format=flowed  
MIME-Version: 1.0

> While I disagree that lowering/eliminating the code requirement(s) means  
> more money spent on equipment, I have been in meetings at Dayton where  
> the manufacturers' reps "lobbied" the ARRL on this very subject. I am  
> sure these meetings weren't the only ones ever to take place either.  
> Sigh.

Sadly, it strains the credibility when certain representatives of the ARRL claim that such things as advertiser dollars, etc., do not affect policy. Yeah, right!

John W2AGN

-----  
Date: Thu, 24 Jul 2003 16:06:27 -0600 (CST)  
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Cc: Brian Buydens <brian.buydens@usask.ca>  
Subject: [154849] Re: R. Hollingsworth might be busy on August 1st  
Message-ID: <Pine.OSF.4.53.0307241550460.81959@duke.usask.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

"Do we want MORE Hams or BETTER Hams?" Personally, I'd like both. At first I was tempted to relegate this whole discussion to /dev/null but I opened up a few emails and found some interesting stuff. Not the least of which is the HARMONICS web page from the ARRL. I suspect that initiatives like that will bring in far more young hams than changing the code requirement.

This got me thinking, what are we doing to promote CW? I mean WE and I mean PROMOTE. (Emphasis mine ;-)

For example, I know of a local ham in Saskatoon who for years has been conducting code practice sessions on 2M. He is one of the reasons I learned CW. I know that the ARRL has code sessions but I suspect many beginning hams start out on 2M only. Besides I think it makes more of an

impression when someone you know is enthusiastic about CW than if you just know that it is generally used, or worse, you have the feeling it is just for anachronistic die-hards.

Please don't take this email as a criticism of anybody. However, it seems to me that you catch more flies with honey...

I have found that if you take a small radio (say the 49er) and go to a park, find a quiet place, throw up an antenna, and start a CW QSO that soon you will have a group of children around you wondering what you are doing. Some of them will think it is really neat that you can build your own radio and communicate with it. Who knows, someday some of them may become hams themselves.

Brian.

On Thu, 24 Jul 2003, John L. Sielke wrote:

> That kind of attitude and activity just makes the point that us "old,  
> misanthropic, fuddy-duddys" have been saying all along. When you reduce  
> standards, you reduce quality. Do we want MORE Hams or BETTER Hams? Do we  
> even want this type of scofflaw in Ham Radio at all?

Brian Buydens  
Veterinary Electronic Data Specialist  
Computing Services, University of Saskatchewan  
email: Brian.Buydens@usask.ca  
<http://duke.usask.ca/~buydens>  
VE5RDV

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I am a proud citizen of "Soviet Canuckistan"

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End of QRP-L Digest 2991  
\*\*\*\*\*  
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